

WEST Search History

DATE: Monday, May 10, 2004

Hide?	Set Name	Query	Hit Count
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i>		
<input type="checkbox"/>	L20	ABGC5 OR ABCG8	18
<input type="checkbox"/>	L19	ABCG	61
<input type="checkbox"/>	L18	L17 AND ABCG	10
<input type="checkbox"/>	L17	536/23.1,23.5.CCLS.	16685
<input type="checkbox"/>	L16	L15 AND ABCG5	6
<input type="checkbox"/>	L15	435/69.1,252.3,254.11,320.1.CCLS.	30706
<input type="checkbox"/>	L14	Tian-H.IN.	173
<input type="checkbox"/>	L13	Tian-Hui.IN.	16
<input type="checkbox"/>	L12	Tian.IN.	2929
<input type="checkbox"/>	L11	Barnes-Bob.IN.	1
<input type="checkbox"/>	L10	Barnes-R.IN.	37
<input type="checkbox"/>	L9	Barnes-Rob.IN.	0
<input type="checkbox"/>	L8	Barnes-Robert.IN.	7
<input type="checkbox"/>	L7	Barnes.IN.	8512
<input type="checkbox"/>	L6	Shan-B.IN.	28
<input type="checkbox"/>	L5	Shan-Bei.IN.	37
<input type="checkbox"/>	L4	Shan.IN.	2492
<input type="checkbox"/>	L3	Hobbs-H.IN.	5
<input type="checkbox"/>	L2	Hobbs-Helen.IN.	0
<input type="checkbox"/>	L1	(Hobbs.IN.)	2504

END OF SEARCH HISTORY

Connecting via winsock to STN
Welcome to STN International! Enter x:x
* * * * * Welcome to STN International * * * * *
* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:27:04 ON 10 MAY 2004

=> file BIOSCIENCE
FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED
FILE 'ADISCTI' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 Adis Data Information BV

FILE 'ADISINSIGHT' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 Adis Data Information BV

FILE 'ADISNEWS' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 Adis Data Information BV

FILE 'AGRICOLA' ENTERED AT 11:27:18 ON 10 MAY 2004

FILE 'ANABSTR' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (c) 2004 THE ROYAL SOCIETY OF CHEMISTRY (RSC)

FILE 'AQUASCI' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT 2004 FAO (On behalf of the ASFA Advisory Board). All rights reserved.

FILE 'BIOBUSINESS' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 Biological Abstracts, Inc. (BIOSIS)

FILE 'BIOCOMMERCE' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 BioCommerce Data Ltd. Richmond Surrey, United Kingdom. All rights reserved

FILE 'BIOSIS' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'BIOTECHABS' ACCESS NOT AUTHORIZED

FILE 'BIOTECHDS' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 THOMSON DERWENT AND INSTITUTE FOR SCIENTIFIC INFORMATION

FILE 'BIOTECHNO' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'CABA' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 CAB INTERNATIONAL (CABI)

FILE 'CANCERLIT' ENTERED AT 11:27:18 ON 10 MAY 2004

FILE 'CAPLUS' ENTERED AT 11:27:18 ON 10 MAY 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'CEABA-VTB' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (c) 2004 DECHEMA eV

FILE 'CEN' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 American Chemical Society (ACS)

FILE 'CIN' ENTERED AT 11:27:18 ON 10 MAY 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2004 American Chemical Society (ACS)

FILE 'CONFSCI' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'CROPB' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'CROPU' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'DISSABS' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 Proquest Information and Learning Company: All Rights Reserved.

FILE 'DDFB' ACCESS NOT AUTHORIZED

FILE 'DDFU' ACCESS NOT AUTHORIZED

FILE 'DGENE' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'DRUGB' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'DRUGMONOG2' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 IMSWORLD Publications Ltd

FILE 'IMSDRUGNEWS' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 IMSWORLD Publications Ltd

FILE 'DRUGU' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'IMSRESEARCH' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 IMSWORLD Publications Ltd

FILE 'EMBAL' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 Elsevier Inc. All rights reserved.

FILE 'EMBASE' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 Elsevier Inc. All rights reserved.

FILE 'ESBIOBASE' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'FEDRIP' ENTERED AT 11:27:18 ON 10 MAY 2004

FILE 'FOMAD' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 Leatherhead Food Research Association

FILE 'FOREGE' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 Leatherhead Food Research Association

FILE 'FROSTI' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 Leatherhead Food Research Association

FILE 'FSTA' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 International Food Information Service

FILE 'GENBANK' ENTERED AT 11:27:18 ON 10 MAY 2004

FILE 'HEALSAFE' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'IFIPAT' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 IFI CLAIMS(R) Patent Services (IFI)

FILE 'IMSPRODUCT' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 IMSWORLD Publications Ltd

FILE 'JICST-EPLUS' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 Japan Science and Technology Agency (JST)

FILE 'KOSMET' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 International Federation of the Societies of Cosmetics Chemists

FILE 'LIFESCI' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'MEDICONF' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (c) 2004 FAIRBASE Datenbank GmbH, Hannover, Germany

FILE 'MEDLINE' ENTERED AT 11:27:18 ON 10 MAY 2004

FILE 'NIOSHTIC' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 U.S. Secretary of Commerce on Behalf of the U.S. Government

FILE 'NTIS' ENTERED AT 11:27:18 ON 10 MAY 2004
Compiled and distributed by the NTIS. U.S. Department of Commerce.

All rights reserved. (2004)

FILE 'NUTRACEUT' ENTERED AT 11:27:18 ON 10 MAY 2004
Copyright 2004 (c) MARKETLETTER Publications Ltd. All rights reserved.

FILE 'OCEAN' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 Cambridge Scientific Abstracts (CSA)

FILE 'PASCAL' ENTERED AT 11:27:18 ON 10 MAY 2004
Any reproduction or dissemination in part or in full,
by means of any process and on any support whatsoever
is prohibited without the prior written agreement of INIST-CNRS.
COPYRIGHT (C) 2004 INIST-CNRS. All rights reserved.

FILE 'PCTGEN' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 WIPO

FILE 'PHAR' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 PJB Publications Ltd. (PJB)

FILE 'PHARMAML' ENTERED AT 11:27:18 ON 10 MAY 2004
Copyright 2004 (c) MARKETLETTER Publications Ltd. All rights reserved.

FILE 'PHIC' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 PJB Publications Ltd. (PJB)

FILE 'PHIN' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 PJB Publications Ltd. (PJB)

FILE 'PROMT' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 Gale Group. All rights reserved.

FILE 'RDISCLOSURE' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 Kenneth Mason Publications Ltd.

FILE 'SCISEARCH' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT 2004 THOMSON ISI

FILE 'SYNTHLINE' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 Prous Science

FILE 'TOXCENTER' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 ACS

FILE 'USPATFULL' ENTERED AT 11:27:18 ON 10 MAY 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 11:27:18 ON 10 MAY 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'VETB' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'VETU' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'WPIDS' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'WPIFV' ENTERED AT 11:27:18 ON 10 MAY 2004
COPYRIGHT (C) 2004 THOMSON DERWENT

FILE 'WPINDEX' ACCESS NOT AUTHORIZED

=> s ABCG5 OR ABCG8
55 FILES SEARCHED...
L1 867 ABCG5 OR ABCG8

=> DUP REM L1
DUPLICATE IS NOT AVAILABLE IN 'ADISINSIGHT, ADISNEWS, BIOCOMMERCE, DGENE,
DRUGMONOG2, IMSRESEARCH, FEDRIP, FOREGE, GENBANK, IMSPRODUCT, KOSMET,
MEDICONF, NUTRACEUT, PCTGEN, PHAR, PHARMAML, RDISCLOSURE, SYNTHLINE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L1
17 449 DUP REM L1 (418 DUPLICATES REMOVED)

=> S L1 AND cholesterol
41 FILES SEARCHED...
L3 618 L1 AND CHOLESTEROL

=> S L2 AND cholesterol
31 FILES SEARCHED...
62 FILES SEARCHED...
L4 270 L2 AND CHOLESTEROL

=> D L4 1-270

L4 ANSWER 1 OF 270 ADISINSIGHT COPYRIGHT (C) 2004 Adis Data Information BV
on STN

ACCESSION NUMBER: 2001:1347 ADISINSIGHT
SOURCE: Adis R&D Insight
DOCUMENT NO: 016523
CHANGE DATE: Apr 1, 2003
GENERIC NAME: Research programme: ABC transporter modulators - Active
Pass
SYNONYM: ABC transporter modulators research programme - Active
Pass Pharmaceuticals; APP 01643; P-glycoproteins
research programme -Active Pass Pharmaceuticals;
Research programme: p-glycoproteins -Active Pass
Pharmaceuticals

MOLECULAR FORMULA:Unspecified

STRUCTURE:

STRUCTURE DIAGRAM IS NOT AVAILABLE

EPHMRA ATC CODE: A7 Antidiarrhoeals, Oral Electrolyte Replacers and
Intestinal Anti-inflammatories; ***C10A9 All other***
*** cholesterol/triglyceride reducers*** ; N7D9 All other
anti-Alzheimer products; S1X Other Ophthalmologicals
WHO ATC CODE: A07 Antidiarrheals, Intestinal
Antiinflammatory/Anti-infective Agents; ***C10A-X other***
*** cholesterol and triglyceride reducers*** ; N06D-X other
anti-dementia drugs; S01X Other Ophthalmologicals
HIGHEST DEV. PHASE: Preclinical

COMPANY INFORMATION

ORIGINATOR: Active Pass Pharmaceuticals (Canada)
PARENT: Active Pass Pharmaceuticals

WORD COUNT: 534

L4 ANSWER 2 OF 270 ADISINSIGHT COPYRIGHT (C) 2004 Adis Data Information BV
on STN

ACCESSION NUMBER: 1999:371 ADISINSIGHT
SOURCE: Adis R&D Insight
DOCUMENT NO: 011685
CHANGE DATE: Dec 17, 2003
GENERIC NAME: Research programme: LDL receptor gene transcription
regulators -Tularik
SYNONYM: LDL receptor gene transcription regulators research
programme -Sumitomo/Tularik

MOLECULAR FORMULA:Unspecified

STRUCTURE:

STRUCTURE DIAGRAM IS NOT AVAILABLE

EPHMRA ATC CODE: ***C10A9 All other cholesterol/triglyceride***
*** reducers***
WHO ATC CODE: ***C10A-X other cholesterol and triglyceride***
*** reducers***
HIGHEST DEV. PHASE: Preclinical

COMPANY INFORMATION

ORIGINATOR: Tularik (United States); University of Texas
Southwestern Medical Center (United States)
PARENT: Tularik; University of Texas at Dallas
LICENSEE: Sumitomo Pharmaceuticals

WORD COUNT: 241

L4 ANSWER 3 OF 270 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.

AN 2003:33138 AGRICOLA
 DN IND23319897
 TI Disruption of ***Abcg5*** and ***Abcg8*** in mice reveals their
 crucial role in biliary ***cholesterol*** secretion.
 AU Yu, L.; Hammer, R.E.; Li-Hawkins, J.; Bergmann, K. von.; Lutjohann, D.;
 Cohen, J.C.; Hobbs, H.H.
 AV DNAL (500 N21P)
 SO Proceedings of the National Academy of Sciences of the United States of
 America, Dec 10, 2002. Vol. 99, No. 25. p. 16237-16242
 Publisher: Washington, D.C. : National Academy of Sciences,
 CODEN: PNASA6; ISSN: 0027-8424
 NTE Includes references
 CY District of Columbia; United States
 DT Article; Conference
 FS U.S. Imprints not USDA, Experiment or Extension
 LA English

L4 ANSWER 4 OF 270 AGRICOLA Compiled and distributed by the National
 Agricultural Library of the Department of Agriculture of the United States
 of America. It contains copyrighted materials. All rights reserved.
 (2004) on STN

AN 2003:33137 AGRICOLA
 DN IND23319893
 TI Loci on chromosomes 14 and 2, distinct from ***ABCG5*** / ***ABCG8***
 , regulate plasma plant sterol levels in a C57BL/6J x CASA/Rk intercross.
 AU Sehayek, E.; Duncan, E.M.; Lutjohann, D.; Bergmann, K. von.; Ono, J.G.;
 Batta, A.K.; Salen, G.; Breslow, J.L.
 AV DNAL (500 N21P)
 SO Proceedings of the National Academy of Sciences of the United States of
 America, Dec 10, 2002. Vol. 99, No. 25. p. 16215-16219
 Publisher: Washington, D.C. : National Academy of Sciences,
 CODEN: PNASA6; ISSN: 0027-8424
 NTE Includes references
 CY District of Columbia; United States
 DT Article; Conference
 FS U.S. Imprints not USDA, Experiment or Extension
 LA English

L4 ANSWER 5 OF 270 AGRICOLA Compiled and distributed by the National
 Agricultural Library of the Department of Agriculture of the United States
 of America. It contains copyrighted materials. All rights reserved.
 (2004) on STN

AN 2002:62167 AGRICOLA
 DN IND23289919
 TI The babel of the ABCs: novel transporters involved in the regulation of
 sterol absorption and excretion.
 AU Ordovas, J.M.; Tai, E.S.; Mayer, J.
 AV DNAL (389.8 N953)
 SO Nutrition reviews, Jan 2002. Vol. 60, No. 1. p. 30-33
 Publisher: Washington, D.C.: International Life Sciences Institute--ILSI
 Press.
 CODEN: NUREA8; ISSN: 0029-6643
 NTE Includes references
 CY District of Columbia; United States
 DT Article; Law
 FS U.S. Imprints not USDA, Experiment or Extension
 LA English

L4 ANSWER 6 OF 270 BIOCOMMERCE COPYRIGHT 2004 BioCommerce Data Ltd. on STN
 AN 0191177 BIOCOMMERCE FS Abstract
 CO Tularik Inc (25626), USA
 SO Tularik Press Release, 01 DEC 2000
 TC (Company information)

L4 ANSWER 7 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2004:236481 BIOSIS
 DN PREV200400236787
 TI Fibrates modify the expression of key factors involved in bile-acid
 synthesis and biliary-lipid secretion in gallstone patients.
 AU Roglans, Nuria; Vazquez-Carrera, Manuel; Alegret, Marta; Novell, Ferran;
 Zambon, Daniel; Ros, Emilio; Laguna, Juan C.; Sanchez, Rosa M. [Reprint
 Author]
 CS Unidad de Farmacologia, Facultad de Farmacia, Nucleo Universitario de
 Pedralbes, 08028, Barcelona, Spain
 sanchez@farmacia.far.ub.es

12, pp. 855-861. print.
CODEN: EJCPAS. ISSN: 0031-6970.

DT Article
LA English
ED Entered STN: 28 Apr 2004
Last Updated on STN: 28 Apr 2004

L4 ANSWER 8 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2004:183636 BIOSIS
DN PREV200400188414
TI Selective sterol accumulation in ***ABCG5*** / ***ABCG8*** -deficient mice.
AU Yu, Liqing; von Bergmann, Klaus; Lutjohann, Dieter; Hobbs, Helen H.; Cohen, Jonathan C. [Reprint Author]
CS McDermott Center for Human Growth and Development, University of Texas Southwestern Medical Center, Dallas, TX, 75390-9046, USA
jonathan.cohen@utsouthwestern.edu
SO Journal of Lipid Research, (February 2004) Vol. 45, No. 2, pp. 301-307. print.
CODEN: JLPRAW. ISSN: 0022-2275.
DT Article
LA English
ED Entered STN: 7 Apr 2004
Last Updated on STN: 7 Apr 2004

L4 ANSWER 9 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2004:178852 BIOSIS
DN PREV200400171888
TI Ezetimibe effectively reduces plasma plant sterols in patients with sitosterolemia.
AU Salen, G. [Reprint Author]; von Bergmann, K.; Lutjohann, D.; Kwiterovich, P.; Kane, J.; Patel, S. B.; Musliner, T.; Stein, P.; Musser, B.; Multicenter Sitosterolemia Study Group
CS University of Medicine and Dentistry of New Jersey, 185 S Orange Ave, MSB-H538, Newark, NJ, 07103, USA
Salenge@UMDNJ.edu
SO Circulation, (March 2 2004) Vol. 109, No. 3, pp. 966-971. print.
ISSN: 0009-7322 (ISSN print).
DT Article
LA English
ED Entered STN: 31 Mar 2004
Last Updated on STN: 31 Mar 2004

L4 ANSWER 10 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2004:177474 BIOSIS
DN PREV200400175552
TI Down-regulation of hepatic and intestinal ***Abcg5*** and ***Abcg8*** expression associated with altered sterol fluxes in rats with streptozotocin-induced diabetes.
AU Bloks, V. W.; Bakker-van Waarde, W. M.; Verkade, H. J.; Kema, I. P.; Wolters, H.; Vink, E.; Groen, A. K.; Kuipers, F. [Reprint Author]
CS Center for Liver, Digestive and Metabolic Diseases, Laboratories of Pediatrics, Pathology and Laboratory Medicine, University Hospital Groningen, Groningen, Netherlands
f.kuipers@med.rug.nl
SO Diabetologia, (January 2004) Vol. 47, No. 1, pp. 104-112. print.
CODEN: DBTGAI. ISSN: 0012-186X.
DT Article
LA English
ED Entered STN: 31 Mar 2004
Last Updated on STN: 31 Mar 2004

L4 ANSWER 11 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2004:123846 BIOSIS
DN PREV200400116898
TI Risk factors for ***cholesterol*** gallstone formation are associated with common polymorphisms of ***ABCG5*** / ***ABCG8***, the genes encoding the biliary ***cholesterol*** half-transporters, in German and Mexican gallstone patients.
AU Mendez-Sanchez, Nahum [Reprint Author]; Rahbar-Tabrizi, Nadia; King-Martinez, Ana C. [Reprint Author]; Wittenburg, Henning; Keppeler, Hildegard; Schirin-Sokhan, Ramin; Werth, Alexa; Wasmuth, Hermann E.; Uribe, Misael [Reprint Author]; Matern, Siegfried; Lammert, Frank
CS Medica Sur Clinic and Foundation, Mexico City, Mexico
SO Hepatology, (October 2003) Vol. 38, No. 4 Suppl. 1, pp. 388A. print.

Study of Liver Diseases. Boston, MA, USA. October 24-28, 2003. American Association for the Study of Liver Diseases.
 ISSN: 0270-9139 (ISSN print).
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 3 Mar 2004
 Last Updated on STN: 3 Mar 2004

L4 ANSWER 12 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2004:123843 BIOSIS
 DN PREV200400116896
 TI Diosgenin-induced biliary ***cholesterol*** hypersecretion depends on the presence of ***ABCG8***
 AU Kusters, Astrid [Reprint Author]; Kunne, Cindy [Reprint Author]; Looije, Norbert [Reprint Author]; Kuipers, Folkert; Patel, Shailesh B.; Groen, Albert K. [Reprint Author]
 CS Academic Medical Center, Amsterdam, Netherlands
 SO Hepatology, (October 2003) Vol. 38, No. 4 Suppl. 1, pp. 387A. print.
 Meeting Info.: 54th Annual Meeting of the American Association for the Study of Liver Diseases. Boston, MA, USA. October 24-28, 2003. American Association for the Study of Liver Diseases.
 ISSN: 0270-9139 (ISSN print).
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 3 Mar 2004
 Last Updated on STN: 3 Mar 2004

L4 ANSWER 13 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2004:123841 BIOSIS
 DN PREV200400116895
 TI The molecular mechanism of biliary ***cholesterol*** secretion.
 AU Kusters, Astrid [Reprint Author]; Kunne, Cindy [Reprint Author]; Looije, Norbert [Reprint Author]; Kuipers, Folkert; Patel, Shailesh B.; Oude Elferink, Ronald P. J. [Reprint Author]; Groen, Albert K. [Reprint Author]
 CS Academic Medical Center, Amsterdam, Netherlands
 SO Hepatology, (October 2003) Vol. 38, No. 4 Suppl. 1, pp. 387A. print.
 Meeting Info.: 54th Annual Meeting of the American Association for the Study of Liver Diseases. Boston, MA, USA. October 24-28, 2003. American Association for the Study of Liver Diseases.
 ISSN: 0270-9139 (ISSN print).
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 3 Mar 2004
 Last Updated on STN: 3 Mar 2004

L4 ANSWER 14 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2004:74500 BIOSIS
 DN PREV200400077120
 TI Genetic regulation of ***cholesterol*** absorption and plasma plant sterol levels: Commonalities and differences.
 AU Sehayek, Ephraim [Reprint Author]
 CS Laboratory of Biochemical Genetics and Metabolism, Rockefeller University, 1230 York Avenue, New York, NY, 10021, USA
 sehayee@rockefeller.edu
 SO Journal of Lipid Research, (November 2003) Vol. 44, No. 11, pp. 2030-2038. print.
 CODEN: JLPRAW. ISSN: 0022-2275.
 DT Article
 General Review; (Literature Review)
 LA English
 ED Entered STN: 4 Feb 2004
 Last Updated on STN: 4 Feb 2004

L4 ANSWER 15 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2004:72504 BIOSIS
 DN PREV200400076148
 TI ***ABCG5*** and ***ABCG8*** are obligate heterodimers for protein trafficking and biliary ***cholesterol*** excretion.
 AU Graf, Gregory A.; Yu, Liqing; Li, Wei-Ping; Gerard, Robert; Tuma, Pamela L.; Cohen, Jonathan C.; Hobbs, Helen H. [Reprint Author]
 CS Dept. of Molecular Genetics, University of Texas Southwestern Medical Center at Dallas 5323 Harry Hines Blvd., Dallas, TX. 75390-9046, USA

SO Journal of Biological Chemistry, (November 28 2003) Vol. 278, No. 48, pp. 48275-48282. print.
CODEN: JBCHA3. ISSN: 0021-9258.

DT Article
LA English
ED Entered STN: 4 Feb 2004
Last Updated on STN: 4 Feb 2004

L4 ANSWER 16 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2004:62430 BIOSIS
DN PREV200400063005
TI Peroxisome proliferator-activated receptor delta activation increases intestinal ***cholesterol*** excretion in an ABCA1 independent manner.
AU van der Veen, Jelske N. [Reprint Author]; Kruit, Janine K. [Reprint Author]; Havinga, Rick [Reprint Author]; Baller, Juul F. [Reprint Author]; Chimini, Giovanna; Groot, Pieter H.; Groen, Albert K.; Kuipers, Folkert [Reprint Author]
CS Univ Hosp Groningen, Groningen, Netherlands
SO Circulation, (October 28 2003) Vol. 108, No. 17 Supplement, pp. IV-72. print.
Meeting Info.: American Heart Association Scientific Sessions 2003. Orlando, FL, USA. November 09-12, 2003. American Heart Association. ISSN: 0009-7322 (ISSN print).

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 28 Jan 2004
Last Updated on STN: 28 Jan 2004

L4 ANSWER 17 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2004:34211 BIOSIS
DN PREV200400032299
TI THE ABCC2-LITH2 LOCUS INDUCES HYPERSENSITIVITY TO THE BILIARY LITHOGENIC EFFECT OF OESTROGENS BY PRECIPITATING THE ONSET OF LITHOGENIC BILE. .
AU Morin, Evelyne [Reprint Author]; Mignault, Diane [Reprint Author]; Bouchard, Guylaine [Reprint Author]
CS Montreal, QC, Canada
SO Digestive Disease Week Abstracts and Itinerary Planner, (2003) Vol. 2003, pp. Abstract No. 456. e-file.
Meeting Info.: Digestive Disease 2003. FL, Orlando, USA. May 17-22, 2003. American Association for the Study of Liver Diseases; American Gastroenterological Association; American Society for Gastrointestinal Endoscopy; Society for Surgery of the Alimentary Tract.

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 7 Jan 2004
Last Updated on STN: 7 Jan 2004

L4 ANSWER 18 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2004:22380 BIOSIS
DN PREV200400019194
TI Differential hepatic and intestinal overexpression of human ***ABCG5*** and ***ABCG8*** in transgenic mice: Effects on intestinal ***cholesterol*** absorption, biliary sterol excretion and atherosclerosis.
AU Wu, Justina [Reprint Author]; Basso, Federica [Reprint Author]; Shamburek, Robert [Reprint Author]; Amar, Marcelo [Reprint Author]; Vaisman, Boris [Reprint Author]; Terese, Tansey [Reprint Author]; Freeman, Lita [Reprint Author]; Szakacs, Gergely; Knapper, Catherine [Reprint Author]; Paigen, Beverly; Fruchart-Najib, Jamila; Brewer, H. Bryan [Reprint Author]; Santamarina-Fojo, Silvia [Reprint Author]
CS NHLBI, Bethesda, MD, USA
SO Circulation, (October 28 2003) Vol. 108, No. 17 Supplement, pp. IV-259. print.
Meeting Info.: American Heart Association Scientific Sessions 2003. Orlando, FL, USA. November 09-12, 2003. American Heart Association. ISSN: 0009-7322 (ISSN print).

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 24 Dec 2003
Last Updated on STN: 24 Dec 2003

L4 ANSWER 19 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

DN PREV200400019193
 TI ABCB4 is required for ***ABCG5*** and ***ABCG8*** to promote
 cholesterol excretion.
 AU Yu, Liqing [Reprint Author]; Langheim, Silvia [Reprint Author]; Cohen,
 Jonathan C. [Reprint Author]; Hobbs, Helen H. [Reprint Author]
 CS UT Southwestern Med Cntr, Dallas, TX, USA
 SO Circulation, (October 28 2003) Vol. 108, No. 17 Supplement, pp. IV-259.
 print.
 Meeting Info.: American Heart Association Scientific Sessions 2003.
 Orlando, FL, USA. November 09-12, 2003. American Heart Association.
 ISSN: 0009-7322 (ISSN print).
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 24 Dec 2003
 Last Updated on STN: 24 Dec 2003

L4 ANSWER 20 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2004:22210 BIOSIS
 DN PREV200400019070
 TI ***ABCG5*** and ***ABCG8*** are obligate heterodimers.
 AU Graf, Gregory A. [Reprint Author]; Yu, Liqing [Reprint Author]; Cohen,
 Jonathan [Reprint Author]; Hobbs, Helen H. [Reprint Author]
 CS UT Southwestern Med Cntr, Dallas, TX, USA
 SO Circulation, (October 28 2003) Vol. 108, No. 17 Supplement, pp. IV-232.
 print.
 Meeting Info.: American Heart Association Scientific Sessions 2003.
 Orlando, FL, USA. November 09-12, 2003. American Heart Association.
 ISSN: 0009-7322 (ISSN print).
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 24 Dec 2003
 Last Updated on STN: 24 Dec 2003

L4 ANSWER 21 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2004:20475 BIOSIS
 DN PREV200400022227
 TI Sitosterolemia: A gateway to new knowledge about ***cholesterol***
 metabolism.
 AU Berge, Knut Erik [Reprint Author]
 CS Department of Medical Genetics, Ullevaal University Hospital, Kirkeveien
 166, NO-0407, Oslo, Norway
 KnutErik.Berge@ullevaal.no
 SO Annals of Medicine, (2003) vol. 35, No. 7, pp. 502-511. print.
 CODEN: ANMDEU. ISSN: 0785-3890.
 DT Article
 General Review; (Literature Review)
 LA English
 ED Entered STN: 24 Dec 2003
 Last Updated on STN: 24 Dec 2003

L4 ANSWER 22 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2004:7308 BIOSIS
 DN PREV200400000598
 TI Massive biliary ***cholesterol*** secretion in diosgenin-fed mice.
 AU Nibbering, Catharina P. [Reprint Author]; van Berge-Henegouwen, Gerard P.;
 Kusters, Astrid; Ottenhoff, Roel; Groen, Albert K.
 CS Utrecht, Netherlands
 SO Gastroenterology, (July 2002) Vol. 123, No. 1 Supplement, pp. 62. print.
 Meeting Info.: Digestive Disease Week and the 103rd Annual Meeting of the
 American Gastroenterological Association. San Francisco, CA, USA. May
 19-22, 2002. American Gastroenterological Association.
 CODEN: GASTAB. ISSN: 0016-5085.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 17 Dec 2003
 Last Updated on STN: 17 Dec 2003

L4 ANSWER 23 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2003:580949 BIOSIS
 DN PREV200300571496
 TI SITOSTEROLEMIA IN ***ABCG5*** -NULL MICE IS AGGREGATED UPON ACTIVATION
 OF THE LIVER X-RECEPTOR

Sara; Siegler, Karen; van der Sluijs, Fjodor; Kema, Ido; Groen, Albert; Shan, Bei; Kuipers, Folkert; Schwarz, Margrit
 CS Groningen, Netherlands
 SO Digestive Disease Week Abstracts and Itinerary Planner, (2003) Vol. 2003, pp. Abstract No. S924. e-file.
 Meeting Info.: Digestive Disease 2003. FL, Orlando, USA. May 17-22, 2003. American Association for the Study of Liver Diseases; American Gastroenterological Association; American Society for Gastrointestinal Endoscopy; Society for Surgery of the Alimentary Tract.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 10 Dec 2003
 Last Updated on STN: 10 Dec 2003

L4 ANSWER 24 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2003:564233 BIOSIS
 DN PREV200300565824
 TI Endotoxin down-regulates ***ABCG5*** and ***ABCG8*** in mouse liver and ABCA1 and ABCG1 in J774 murine macrophages: Differential role of LXR.
 AU Khovidhunkit, Weerapan; Moser, Arthur H.; Shigenaga, Judy K.; Grunfeld, Carl; Feingold, Kenneth R. [Reprint Author]
 CS Metabolism Section, Department of Veterans Affairs Medical Center, San Francisco, CA, 94121, USA
 kfnfld@itsa.ucsf.edu
 SO Journal of Lipid Research, (September 2003) Vol. 44, No. 9, pp. 1728-1736. print.
 CODEN: JLPRAW. ISSN: 0022-2275.
 DT Article
 LA English
 ED Entered STN: 3 Dec 2003
 Last Updated on STN: 3 Dec 2003

L4 ANSWER 25 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2003:540036 BIOSIS
 DN PREV200300542586
 TI Feeding natural hydrophilic bile acids inhibits intestinal ***cholesterol*** absorption: Studies in the gallstone-susceptible mouse.
 AU Wang, David Q.-H. [Reprint Author]; Tazuma, Susumu; Cohen, David E.; Carey, Martin C.
 CS Dept. of Medicine, Gastroenterology Division, Beth Israel Deaconess Medical Center, 330 Brookline Ave., DA 601, Boston, MA, 02215, USA
 dqwang@caregroup.harvard.edu
 SO American Journal of Physiology, (September 2003) Vol. 285, No. 3 Part 1, pp. G494-G502. print.
 ISSN: 0002-9513 (ISSN print).
 DT Article
 LA English
 ED Entered STN: 19 Nov 2003
 Last Updated on STN: 19 Nov 2003

L4 ANSWER 26 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2003:527838 BIOSIS
 DN PREV200300531964
 TI Induction of intestinal ATP-binding cassette transporters by a phytosterol-derived liver X receptor agonist.
 AU Kaneko, Emi; Matsuda, Morihiro; Yamada, Yukio; Tachibana, Yoji; Shimomura, Iichiro [Reprint Author]; Makishima, Makoto [Reprint Author]
 CS Graduate School of Frontier Biosciences, Osaka University, 2-2 Yamadaoka, H2, Suita, Osaka, 565-0871, Japan
 ichi@fbs.osaka-u.ac.jp; maxima@fbs.osaka-u.ac.jp
 SO Journal of Biological Chemistry, (September 19 2003) Vol. 278, No. 38, pp. 36091-36098. print.
 CODEN: JBCHA3. ISSN: 0021-9258.
 DT Article
 LA English
 ED Entered STN: 12 Nov 2003
 Last Updated on STN: 12 Nov 2003

L4 ANSWER 27 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2003:507333 BIOSIS
 DN PREV200300508804
 TI Regulation of biliary ***cholesterol*** secretion is associated with

AU diosgenin and ethinyl estradiol.
 CS Kamisako, Toshinori [Reprint Author]; Ogawa, Hiroshi
 Department of Hygiene, Kinki University School of Medicine, 377-2
 Ohnohigashi, Osakasayama, Osaka, 589-8511, Japan
 kamisako@med.kindai.ac.jp
 SO Hepatology Research, (August 2003) Vol. 26, No. 4, pp. 348-352. print.
 ISSN: 1386-6346 (ISSN print).
 DT Article
 LA English
 ED Entered STN: 29 Oct 2003
 Last Updated on STN: 29 Oct 2003

L4 ANSWER 28 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2003:477679 BIOSIS
 DN PREV200300477679
 TI ***ABCG5*** and ***ABCG8*** are expressed in gallbladder
 epithelial cells.
 AU Tauscher, Aimee; Kuver, Rahul [Reprint Author]
 CS Division of Gastroenterology, University of Washington School of Medicine,
 1959 NE Pacific St., Box 356424, Seattle, WA, 98195, USA
 kuver@u.washington.edu
 SO Biochemical and Biophysical Research Communications, (August 8 2003) Vol.
 307, No. 4, pp. 1021-1028. print.
 CODEN: BBRCA9. ISSN: 0006-291X.
 DT Article
 LA English
 ED Entered STN: 15 Oct 2003
 Last Updated on STN: 15 Oct 2003

L4 ANSWER 29 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2003:437487 BIOSIS
 DN PREV200300437487
 TI FXR and ***ABCG5*** / ***ABCG8*** as determinants of
 cholesterol gallstone formation from quantitative trait locus
 mapping in mice.
 AU Wittenburg, Henning; Lyons, Malcolm A.; Li, Renhua; Churchill, Gary A.;
 Carey, Martin C.; Paigen, Beverly [Reprint Author]
 CS The Jackson Laboratory, 600 Main Street, Bar Harbor, ME, 04609, USA
 bjp@jax.org
 SO Gastroenterology, (September 2003) Vol. 125, No. 3, pp. 868-881. print.
 CODEN: GASTAB. ISSN: 0016-5085.
 DT Article
 LA English
 ED Entered STN: 24 Sep 2003
 Last Updated on STN: 24 Sep 2003

L4 ANSWER 30 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2003:425373 BIOSIS
 DN PREV200300425373
 TI Response of obligate heterozygotes for phytosterolemia to a low-fat diet
 and to a plant sterol ester dietary challenge.
 AU Kwiterovich, Peter O. Jr. [Reprint Author]; Chen, Shirley C.; Virgil,
 Donna G.; Schweitzer, Amy; Arnold, Dagmar R.; Kratz, Lisa E.
 CS Lipid Research/Atherosclerosis Division, Department of Pediatrics, Johns
 Hopkins University, 550 North Broadway, Baltimore, MD, 21205, USA
 pkwitero@jhmi.edu
 SO Journal of Lipid Research, (June 2003) Vol. 44, No. 6, pp. 1143-1155.
 print.
 CODEN: JLPRAW. ISSN: 0022-2275.
 DT Article
 LA English
 ED Entered STN: 17 Sep 2003
 Last Updated on STN: 17 Sep 2003

L4 ANSWER 31 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2003:406362 BIOSIS
 DN PREV200300406362
 TI Specific gene expression of ATP-binding cassette transporters and nuclear
 hormone receptors in rat liver parenchymal, endothelial, and Kupffer
 cells.
 AU Hoekstra, Menno [Reprint Author]; Kruijt, J. Kar; Van Eck, Miranda; Van
 Berkel, Theo J. C.
 CS Division of Biopharmaceutics, Leiden/Amsterdam Center for Drug Research,
 Gorlaeus Laboratories, Leiden University, P.O. Box 9502, Leiden,
 Zuid-Holland. 2300 RA. Netherlands

SO Journal of Biological Chemistry, (July 11 2003) Vol. 278, No. 28, pp.
25448-25453. print.
CODEN: JBCHA3. ISSN: 0021-9258.

DT Article
LA English
ED Entered STN: 3 Sep 2003
Last Updated on STN: 3 Sep 2003

L4 ANSWER 32 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:375069 BIOSIS
DN PREV200300375069
TI Differential effects of scavenger receptor BI deficiency on lipid
metabolism in cells of the arterial wall and in the liver.

AU Van Eck, Miranda [Reprint Author]; Twisk, Jaap; Hoekstra, Menno; Van Rij,
Brechtje T.; Van der Lans, Christian A. C.; Bos, I. Sophie T.; Kruijt, J.
Kar; Kuipers, Folkert; Van Berkel, Theo J. C.

CS Division of Biopharmaceutics, Gorlaeus Laboratories, Einsteinweg 55, 2300
RA, P. O. Box 9502, Leiden, Netherlands
m.eck@LACDR.LeidenUniv.nl

SO Journal of Biological Chemistry, (June 27 2003) Vol. 278, No. 26, pp.
23699-23705. print.
CODEN: JBCHA3. ISSN: 0021-9258.

DT Article
LA English
ED Entered STN: 13 Aug 2003
Last Updated on STN: 13 Aug 2003

L4 ANSWER 33 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:350942 BIOSIS
DN PREV200300350942
TI Sterol transport by the human breast cancer resistance protein (ABCG2)
expressed in Lactococcus lactis.

AU Janvilisri, Tavan; Venter, Henrietta; Shahi, Sanjay; Reuter, Galya;
Balakrishnan, Lekshmy; van Veen, Hendrik W. [Reprint Author]

CS Department of Pharmacology, University of Cambridge, Tennis Court Road,
Cambridge, CB2 1PD, UK
hwv20@cam.ac.uk

SO Journal of Biological Chemistry, (June 6 2003) Vol. 278, No. 23, pp.
20645-20651. print.
CODEN: JBCHA3. ISSN: 0021-9258.

DT Article
LA English
ED Entered STN: 30 Jul 2003
Last Updated on STN: 30 Jul 2003

L4 ANSWER 34 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:349395 BIOSIS
DN PREV200300349395
TI Relation between hepatic expression of ATP-binding cassette transporters
G5 and G8 and biliary ***cholesterol*** secretion in mice.

AU Kusters, Astrid [Reprint Author]; Frijters, Raoul J. J. M.; Schaap, Frank
G.; Vink, Edwin; Plosch, Torsten; Ottenhoff, Roelof; Jirsa, Milan; De
Cuyper, Iris M.; Kuipers, Folkert; Groen, Albert K.

CS Department of Experimental Hepatology, AMC Liver Center, Academic Medical
Center, Meibergdreef 69-71, Amsterdam, 1105 BK, Netherlands
a.kusters@amc.uva.nl

SO Journal of Hepatology, (June 2003) Vol. 38, No. 6, pp. 710-716. print.
ISSN: 0168-8278 (ISSN print).

DT Article
LA English
ED Entered STN: 30 Jul 2003
Last Updated on STN: 30 Jul 2003

L4 ANSWER 35 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:324629 BIOSIS
DN PREV200300324629
TI EXPRESSION AND LOCALIZATION OF ***ABCG5*** AND ***ABCG8*** AT
MOUSE BRAIN BARRIER.

AU Terasaki, T. [Reprint Author]; Sato, A. [Reprint Author]; Suda, T.
[Reprint Author]; Kondo, T. [Reprint Author]; Hori, S. [Reprint Author];
Ohtsuki, S. [Reprint Author]

CS Grad. Sch. of Pharm. Sci., NICHe, Tohoku Univ., Sendai, Japan

SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002)
Vol. 2002, pp. Abstract No. 580.17. <http://sfn.scholarone.com>. cd-rom.
Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience.

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
LA English
ED Entered STN: 16 Jul 2003
Last Updated on STN: 16 Jul 2003

L4 ANSWER 36 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:289751 BIOSIS
DN PREV200300289751
TI Stimulation of ***cholesterol*** excretion by the liver X receptor
agonist requires ATP-binding cassette transporters G5 and G8.
AU Yu, Liqing; York, Jennifer; von Bergmann, Klaus; Lutjohann, Dieter; Cohen,
Jonathan C.; Hobbs, Helen H. [Reprint Author]
CS Dept. of Molecular Genetics, University of Texas Southwestern Medical
Center, 5323 Harry Hines Blvd., Dallas, TX, 75390-9046, USA
helen.hobbs@utsouthwestern.edu
SO Journal of Biological Chemistry, (May 2 2003) Vol. 278, No. 18, pp.
15565-15570. print.
CODEN: JBCHA3. ISSN: 0021-9258.

DT Article
LA English
ED Entered STN: 19 Jun 2003
Last Updated on STN: 19 Jun 2003

L4 ANSWER 37 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:235151 BIOSIS
DN PREV200300235151
TI New insights into the role of the adenosine triphosphate-binding cassette
transporters in high-density lipoprotein metabolism and reverse
cholesterol transport.
AU Brewer, H. Bryan Jr. [Reprint Author]; Santamarina-Fojo, Silvia
CS National Heart, Lung, and Blood Institute, Molecular Disease Branch,
National Institutes of Health, 10 Center Drive, 10 - Magnuson CC, Room
7N115, MSC-1666, Bethesda, MD, 20892, USA
bryan@mail.nih.gov
SO American Journal of Cardiology, (April 3 2003) Vol. 91, No. 7A, pp.
3E-11E. print.
ISSN: 0002-9149 (ISSN print).

DT Article
LA English
ED Entered STN: 14 May 2003
Last Updated on STN: 14 May 2003

L4 ANSWER 38 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:226311 BIOSIS
DN PREV200300226311
TI Effect of obstructive jaundice on the regulation of hepatic
cholesterol metabolism in the rat: Disappearance of ***abcg5***
and ***abcg8*** mRNA after bile duct ligation.
AU Kamisako, Toshinori [Reprint Author]; Ogawa, Hiroshi
CS Department of Hygiene, Kinki University School of Medicine, 377-2,
Ohnohigashi, Osakasayama, Osaka, 589-8511, Japan
kamisako@med.kindai.ac.jp
SO Hepatology Research, (February 2003) Vol. 25, No. 2, pp. 99-104. print.
ISSN: 1386-6346 (ISSN print).

DT Article
LA English
ED Entered STN: 7 May 2003
Last Updated on STN: 7 May 2003

L4 ANSWER 39 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:221361 BIOSIS
DN PREV200300221361
TI Expression and regulation of the plant sterol half transporter genes
Abcg5 and ***Abcg8*** in rats.
AU Dieter, M. Z. [Reprint Author]; Klaassen, C. D. [Reprint Author]
CS University of Kansas Medical Center, Kansas City, KS, USA
SO Toxicological Sciences, (March 2003) Vol. 72, No. S-1, pp. 257. print.
Meeting Info.: 42nd Annual Meeting of the Society of Toxicology. Salt Lake
City, Utah, USA. March 09-13, 2003. Society of Toxicology.
ISSN: 1096-6080 (ISSN print).

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English

Last Updated on STN: 7 May 2003

L4 ANSWER 40 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:207090 BIOSIS
DN PREV200300207090
TI Induction of hepatic ABC transporter expression is part of the
PPARalpha-mediated fasting response in the mouse.
AU Kok, Tineke [Reprint Author]; Wolters, Henk; Bloks, Vincent W.; Havinga,
Rick; Jansen, Peter L. M.; Staele, Bart; Kuipers, Folkert
CS Center for Liver, Digestive and Metabolic Diseases, Laboratory of
Pediatrics, University Hospital Groningen, Hanzeplein 1, CMC IV, Room
Y2.163, 9713 GZ, Groningen, Netherlands
T.Kok@med.rug.nl
SO Gastroenterology, (January 2003) Vol. 124, No. 1, pp. 160-171. print.
CODEN: GASTAB. ISSN: 0016-5085.
DT Article
LA English
ED Entered STN: 30 Apr 2003
Last Updated on STN: 30 Apr 2003

L4 ANSWER 41 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:191233 BIOSIS
DN PREV200300191233
TI Comparison of the intestinal uptake of ***cholesterol***, plant
sterols, and stanols in mice.
AU Igel, Michael; Giesa, Uwe; Luetjohann, Dieter; von Bergmann, Klaus
[Reprint Author]
CS Department of Clinical Pharmacology, University of Bonn, Bonn, Germany
vonbergmann@uni-bonn.de
SO Journal of Lipid Research, (March 2003) Vol. 44, No. 3, pp. 533-538.
print.
CODEN: JLPRAW. ISSN: 0022-2275.
DT Article
LA English
ED Entered STN: 16 Apr 2003
Last Updated on STN: 16 Apr 2003

L4 ANSWER 42 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:130895 BIOSIS
DN PREV200300130895
TI Peroxisome proliferator-activated receptor alpha (PPARalpha)-mediated
regulation of multidrug resistance 2 (Mdr2) expression and function in
mice.
AU Kok, Tineke [Reprint Author]; Bloks, Vincent W.; Wolters, Henk; Havinga,
Rick; Jansen, Peter L. M.; Staele, Bart; Kuipers, Folkert
CS Center for Liver, Digestive and Metabolic Diseases, Laboratory of
Pediatrics, Groningen University Institute for Drug Exploration,
University Hospital Groningen, Hanzeplein 1, 9713 GZ, Groningen,
Netherlands
T.Kok@med.rug.nl
SO Biochemical Journal, (1 February 2003) Vol. 369, No. 3, pp. 539-547.
print.
ISSN: 0264-6021.
DT Article
LA English
ED Entered STN: 12 Mar 2003
Last Updated on STN: 12 Mar 2003

L4 ANSWER 43 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:104418 BIOSIS
DN PREV200300104418
TI Functional analysis of candidate ABC transporter proteins for sitosterol
transport.
AU Albrecht, C. [Reprint Author]; Elliott, J. I.; Sardini, A.; Litman, T.;
Stieger, B.; Meier, P. J.; Higgins, C. F.
CS Faculty of Medicine, MRC Clinical Sciences Centre, Imperial College, Du
Cane Rd., Hammersmith Hospital Campus, London, W12 ONN, UK
c.albrecht@csc.mrc.ac.uk
SO Biochimica et Biophysica Acta, (23 December 2002) Vol. 1567, No. 1-2, pp.
133-142. print.
ISSN: 0006-3002 (ISSN print).
DT Article
LA English
ED Entered STN: 19 Feb 2003
Last Updated on STN: 19 Feb 2003

L4 ANSWER 44 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:99769 BIOSIS
DN PREV200300099769
TI Sitosterolemia.
AU Salen, Gerald [Reprint Author]; Patel, Shailesh; Batta, A. K.
CS VA Medical Center, 385 Tremont Ave, East Orange, NJ, 07081, USA
salenge@umdnj.edu
SO Cardiovascular Drug Reviews, (Winter 2002) Vol. 20, No. 4, pp. 255-270.
print.
ISSN: 0897-5957.
DT Article
General Review; (Literature Review)
LA English
ED Entered STN: 12 Feb 2003
Last Updated on STN: 12 Feb 2003

L4 ANSWER 45 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:79752 BIOSIS
DN PREV200300079752
TI ***ABCG8*** -knockout mice reproduce the biochemical defects of
Sitosterolemia.
AU Lu, Kangmo [Reprint Author]; Lee, Mihye [Reprint Author]; Yu, Hongwei
[Reprint Author]; Patel, Shailendra B. [Reprint Author]; Kluckman,
Kimberly; Maeda, Nobuya; Batta, Ashok K.; Salen, Gerald
CS Medical Univ of South Carolina, Charleston, SC, USA
SO Circulation, (November 5 2002) Vol. 106, No. 19 Supplement, pp. II-218.
print.
Meeting Info.: Abstracts from Scientific Sessions. Chicago, IL, USA.
November 17-20, 2002. American Heart Association.
ISSN: 0009-7322 (ISSN print).
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 6 Feb 2003
Last Updated on STN: 6 Feb 2003

L4 ANSWER 46 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:79669 BIOSIS
DN PREV200300079669
TI Sterolin-1, the product of the ***ABCG5*** gene, is localized on
apical cell surface membrane in Caco-2 cells.
AU Sakata, Nobuhiro [Reprint Author]; Kitchens, Robert T. [Reprint Author];
Schonfeld, Gustav [Reprint Author]
CS Washington Univ Sch of Medicine, Saint Louis, MO, USA
SO Circulation, (November 5 2002) Vol. 106, No. 19 Supplement, pp. II-74.
print.
Meeting Info.: Abstracts from Scientific Sessions. Chicago, IL, USA.
November 17-20, 2002. American Heart Association.
ISSN: 0009-7322 (ISSN print).
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 6 Feb 2003
Last Updated on STN: 6 Feb 2003

L4 ANSWER 47 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:79657 BIOSIS
DN PREV200300079657
TI Overexpression of ***ABCG5*** and ***ABCG8*** promotes biliary
cholesterol secretion and inhibits ***cholesterol***
absorption in mice.
AU Yu, Liqing [Reprint Author]; Li-Hawkins, Jia [Reprint Author]; Hammer,
Robert E. [Reprint Author]; Berge, Knut E. [Reprint Author]; Horton, Jay
D. [Reprint Author]; Cohen, Jonathan [Reprint Author]; Hobbs, Helen H.
[Reprint Author]
CS Univ of Texas Southwestern Medical Ctr, Dallas, TX, USA
SO Circulation, (November 5 2002) Vol. 106, No. 19 Supplement, pp. II-73.
print.
Meeting Info.: Abstracts from Scientific Sessions. Chicago, IL, USA.
November 17-20, 2002. American Heart Association.
ISSN: 0009-7322 (ISSN print).
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 6 Feb 2003

L4 ANSWER 48 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:79148 BIOSIS
DN PREV200300079148
TI Ezetimibe is an effective treatment for homozygous sitosterolemia.
AU Salen, Gerald [Reprint Author]; von Bergmann, Klaus; Kwiterovich, Peter;
Musser, Bret; O'Grady, Laura; Stein, Peter; Musliner, Thomas
CS Univ of Medicine and Dentistry of New Jersey, Newark, NJ, USA
SO Circulation, (November 5 2002) Vol. 106, No. 19 Supplement, pp. II-185.
print.
Meeting Info.: Abstracts from Scientific Sessions. Chicago, IL, USA.
November 17-20, 2002. American Heart Association.
ISSN: 0009-7322 (ISSN print).
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 6 Feb 2003
Last Updated on STN: 6 Feb 2003

L4 ANSWER 49 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:78737 BIOSIS
DN PREV200300078737
TI ABC transporters: Key regulators of lipoprotein and ***cholesterol***
metabolism.
AU Brewer, H. Bryan Jr. [Reprint Author]
CS Molecular Disease Branch, National Heart, Lung, and Blood Institute,
National Institutes of Health, Bethesda, MD, USA
SO Circulation, (November 5 2002) Vol. 106, No. 19 Supplement, pp. II-B.
print.
Meeting Info.: Abstracts from Scientific Sessions. Chicago, IL, USA.
November 17-20, 2002. American Heart Association.
ISSN: 0009-7322 (ISSN print).
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 6 Feb 2003
Last Updated on STN: 6 Feb 2003

L4 ANSWER 50 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:28033 BIOSIS
DN PREV200300028033
TI Comparison of the hepatic clearances of campesterol, sitosterol, and
cholesterol in healthy subjects suggests that efflux transporters
controlling intestinal sterol absorption also regulate biliary secretion.
AU Sudhop, T.; Sahin, Y.; Lindenthal, B.; Hahn, C.; Lueers, C.; Berthold, H.
K.; von Bergmann, K. [Reprint Author]
CS Department of Clinical Pharmacology, Sigmund-Freud-Str 25, 53105, Bonn,
Germany
vonbergmann@uni-bonn.de
SO Gut, (December 2002) Vol. 51, No. 6, pp. 860-863. print.
ISSN: 0017-5749 (ISSN print).
DT Article
LA English
ED Entered STN: 1 Jan 2003
Last Updated on STN: 1 Jan 2003

L4 ANSWER 51 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2003:16793 BIOSIS
DN PREV200300016793
TI Inhibition of ***cholesterol*** absorption by SCH 58053 in the mouse
is not mediated via changes in the expression of mRNA for ABCA1,
ABCG5, or ***ABCG8*** in the enterocyte.
AU Repa, Joyce J.; Dietschy, John M.; Turley, Stephen D. [Reprint Author]
CS Department of Internal Medicine, University of Texas Southwestern Medical
Center, Dallas, TX, 75390, USA
stephen.turley@utsouthwestern.edu
SO Journal of Lipid Research, (November 2002) Vol. 43, No. 11, pp. 1864-1874.
print.
CODEN: JLPRAW. ISSN: 0022-2275.
DT Article
LA English
ED Entered STN: 25 Dec 2002
Last Updated on STN: 11 Feb 2003

L4 ANSWER 52 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

DN PREV200200626577
TI Activation of the liver X-receptor (LXR) leads to increased
cholesterol excretion into bile and feces independent of Abca1 in
mice.
AU Kok, Tineke [Reprint author]; Plosch, Torsten [Reprint author]; Bloks,
Vincent W. [Reprint author]; Smit, Martin J. [Reprint author]; Havinga,
Rick [Reprint author]; Chimini, Giovanna; Groen, Albert K.; Kuipers,
Folkert [Reprint author]
CS Center for Liver, Digestive and Metabolic Diseases, University Hospital
Groningen, Groningen, Netherlands
SO Hepatology, (October, 2002) Vol. 36, No. 4 Part 2, pp. 342A. print.
Meeting Info.: 53rd Annual Meeting on the Liver. BOSTON, MA, USA. November
01-05, 2002.
CODEN: HPTLD9. ISSN: 0270-9139.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 12 Dec 2002
Last Updated on STN: 12 Dec 2002

L4 ANSWER 53 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:626575 BIOSIS
DN PREV200200626575
TI Fxr, the nuclear bile salt receptor, and ***Abcg5*** /8, the putative
canalicular ***cholesterol*** transporter, as primary genetic
determinants of ***cholesterol*** gallstone susceptibility: Evidence
from an intercross of PERA/Ei and I/LnJ strains of mice.
AU Wittenburg, Henning [Reprint author]; Lyons, Malcolm A.; Paigen, Beverly;
Carey, Martin C. [Reprint author]
CS Harvard Digestive Diseases Center, Jackson Laboratory, Brigham and Women's
Hospital, Harvard Medical School, Boston, MA, USA
SO Hepatology, (October, 2002) Vol. 36, No. 4 Part 2, pp. 342A. print.
Meeting Info.: 53rd Annual Meeting on the Liver. BOSTON, MA, USA. November
01-05, 2002.
CODEN: HPTLD9. ISSN: 0270-9139.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 12 Dec 2002
Last Updated on STN: 12 Dec 2002

L4 ANSWER 54 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:618175 BIOSIS
DN PREV200200618175
TI Role of the jejunal and ileal ATP-binding cassette (ABC) transporters A1,
G5 and G8 (ABCA1/G5/G8) in intestinal ***cholesterol*** (Ch)
absorption: Age and gender effects.
AU Duan, Li-Ping [Reprint author]; Wang, David Q. [Reprint author]
CS Beth Israel Deaconess Medical Center and Harvard Medical School, Boston,
MA, USA
SO Hepatology, (October, 2002) Vol. 36, No. 4 Part 2, pp. 306A. print.
Meeting Info.: 53rd Annual Meeting on the Liver. BOSTON, MA, USA. November
01-05, 2002.
CODEN: HPTLD9. ISSN: 0270-9139.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 4 Dec 2002
Last Updated on STN: 4 Dec 2002

L4 ANSWER 55 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:582448 BIOSIS
DN PREV200200582448
TI Increased hepatobiliary and fecal ***cholesterol*** excretion upon
activation of the liver X receptor is independent of ABCA1.
AU Plosch, Torsten [Reprint author]; Kok, Tineke; Bloks, Vincent W.; Smit,
Martin J.; Havinga, Rick; Chimini, Giovanna; Groen, Albert K.; Kuipers,
Folkert
CS Lab. of Pediatrics, Groningen University Inst. for Drug Exploration,
Academic Hospital Groningen, Hanzeplein 1, CMC IV, 9713 GZ, Groningen,
Netherlands
t.ploesch@med.rug.nl
SO Journal of Biological Chemistry, (September 13, 2002) Vol. 277, No. 37,
pp. 33870-33877. print.
CODEN: JBCHA3. ISSN: 0021-9258.

LA English
ED Entered STN: 13 Nov 2002
Last Updated on STN: 13 Nov 2002

L4 ANSWER 56 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:570384 BIOSIS
DN PREV200200570384

TI ATP binding cassette G5 C1950G polymorphism may affect blood
cholesterol concentrations in humans.

AU Weggemans, R. M. [Reprint author]; Zock, P. L.; Tai, E. S.; Ordovas, J.
M.; Molhuizen, H. O. F.; Katan, M. B.

CS Unilever Research and Development Vlaardingen, Unilever Health Institute,
Olivier van Noortlaan 120, 3130 AT, 3130 AC, P.O. Box 114, Vlaardingen,
Netherlands

Rianne.Weggemans@unilever.com

SO Clinical Genetics, (September, 2002) Vol. 62, No. 3, pp. 226-229. print.
CODEN: CLGNAY. ISSN: 0009-9163.

DT Article

LA English

ED Entered STN: 7 Nov 2002

Last Updated on STN: 7 Nov 2002

L4 ANSWER 57 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:531249 BIOSIS
DN PREV200200531249

TI New ***cholesterol*** gallstone susceptibility (Lith) loci with
attractive positional candidate genes in an intercross of PERA/Ei and I/Ln
strains of mice.

AU Wittenburg, Henning [Reprint author]; Lyons, Malcolm A.; Li, Renhua;
Carey, Martin C.; Paigen, Beverly

CS Boston, MA, USA

SO Gastroenterology, (April, 2002) Vol. 122, No. 4 Suppl. 1, pp. A.543.
print.

Meeting Info.: Digestive Disease Week and the 103rd Annual Meeting of the
American Gastroenterological Association. San Francisco, CA, USA. May
19-22, 2002.

CODEN: GASTAB. ISSN: 0016-5085.

DT Conference; (Meeting)

Conference; Abstract; (Meeting Abstract)

LA English

ED Entered STN: 16 Oct 2002

Last Updated on STN: 16 Oct 2002

L4 ANSWER 58 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:530526 BIOSIS
DN PREV200200530526

TI Sterols influence intestinal ***cholesterol*** (Ch) absorption through
mediating expression of the ileal ATP-binding cassette transporters G5 and
G8 (***ABCG5*** /G8).

AU Duan, Li-Ping [Reprint author]; Wang, David Q.-H. [Reprint author]

CS Boston, MA, USA

SO Gastroenterology, (April, 2002) Vol. 122, No. 4 Suppl. 1, pp. A-403.
print.

Meeting Info.: Digestive Disease Week and the 103rd Annual Meeting of the
American Gastroenterological Association. San Francisco, CA, USA. May
19-22, 2002.

CODEN: GASTAB. ISSN: 0016-5085.

DT Conference; (Meeting)

Conference; Abstract; (Meeting Abstract)

LA English

ED Entered STN: 16 Oct 2002

Last Updated on STN: 16 Oct 2002

L4 ANSWER 59 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:508380 BIOSIS
DN PREV200200508380

TI Expression of intestinal ATP-binding cassette transporters G5 and G8 (
ABCG5 /G8) plays a major role in determining variations in
cholesterol (Ch) absorption efficiency in inbred mice.

AU Morales, Victor M. [Reprint author]; Wang, David Q.-H. [Reprint author]

CS Boston, MA, USA

SO Gastroenterology, (April, 2002) Vol. 122, No. 4 Suppl. 1, pp. A.58. print.
Meeting Info.: Digestive Disease Week and the 103rd Annual Meeting of the
American Gastroenterological Association. San Francisco, CA, USA. May
19-22, 2002.

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 2 Oct 2002
Last Updated on STN: 2 Oct 2002

L4 ANSWER 60 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:508330 BIOSIS
DN PREV200200508330
TI Modulation of intestinal sterol regulatory element binding protein
(Srebp)1c expression and ***cholesterol*** synthesis but not
cholesterol absorption in sterol carrier protein 2 (Scp2) knockout
mice.
AU Tiechmann, Sandra [Reprint author]; Stange, Eduard F.; Seedorf, Udo;
Fuchs, Michael
CS Luebeck, Germany
SO Gastroenterology, (April, 2002) Vol. 122, No. 4 Suppl. 1, pp. A.48. print.
Meeting Info.: Digestive Disease Week and the 103rd Annual Meeting of the
American Gastroenterological Association. San Francisco, CA, USA. May
19-22, 2002.
CODEN: GASTAB. ISSN: 0016-5085.

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 2 Oct 2002
Last Updated on STN: 2 Oct 2002

L4 ANSWER 61 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:508120 BIOSIS
DN PREV200200508120
TI Expression levels of ATP-binding cassette transporters G5 and G8 in liver
and small intestine of inbred mice strains: Correlation with biliary
cholesterol secretion.
AU Kusters, Astrid [Reprint author]; Frijters, Raoul [Reprint author]; De
Cuijper, Iris [Reprint author]; Ottenhoff, Roel [Reprint author];
Nibbering, Karin [Reprint author]; Schaap, Frank [Reprint author]; Groen,
Albert [Reprint author]
CS Amsterdam, Netherlands
SO Gastroenterology, (April, 2002) Vol. 122, No. 4 Suppl. 1, pp. A.6. print.
Meeting Info.: Digestive Disease Week and the 103rd Annual Meeting of the
American Gastroenterological Association. San Francisco, CA, USA. May
19-22, 2002.
CODEN: GASTAB. ISSN: 0016-5085.

DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
LA English
ED Entered STN: 2 Oct 2002
Last Updated on STN: 2 Oct 2002

L4 ANSWER 62 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:497977 BIOSIS
DN PREV200200497977
TI Overexpression of ***ABCG5*** and ***ABCG8*** promotes biliary
cholesterol secretion and reduces fractional absorption of dietary
cholesterol.
AU Yu, Liqing; Li-Hawkins, Jia; Hammer, Robert E.; Berge, Knut E.; Horton,
Jay D.; Cohen, Jonathan C.; Hobbs, Helen H. [Reprint author]
CS Department of Molecular Genetics, University of Texas Southwestern Medical
Center, 5323 Harry Hines Boulevard, Dallas, TX, 75390-9046, USA
helen.hobbs@utsouthwestern.edu
SO Journal of Clinical Investigation, (September, 2002) Vol. 110, No. 5, pp.
671-680. print.
CODEN: JCINAO. ISSN: 0021-9738.

DT Article
LA English
ED Entered STN: 25 Sep 2002
Last Updated on STN: 25 Sep 2002

L4 ANSWER 63 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:497951 BIOSIS
DN PREV200200497951
TI Biliary ***cholesterol*** secretion by the twinned sterol
half-transporters ***ABCG5*** and ***ABCG8***.
AU Wittenburg, Henning; Carey, Martin C. [Reprint author]
CS Gastroenterology Division. Brigham and Women's Hospital. 75 Francis

SO mccarey@rics.bwh.harvard.edu
 Journal of Clinical Investigation, (September, 2002) Vol. 110, No. 5, pp.
 605-609. print.
 CODEN: JCINAO. ISSN: 0021-9738.
 DT Article
 LA English
 ED Entered STN: 25 Sep 2002
 Last Updated on STN: 25 Sep 2002

L4 ANSWER 64 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2002:461033 BIOSIS
 DN PREV200200461033
 TI Mutations in the human ATP-binding cassette transporters ***ABCG5***
 and ***ABCG8*** in Sitosterolemia.
 AU Heimerl, Susanne; Langmann, Thomas; Moehle, Christoph; Mauerer, Richard;
 Dean, Michael; Beil, Frank-Ulrich; von Bergmann, Klaus; Schmitz, Gerd
 [Reprint author]
 CS Institut fuer Klinische Chemie und Blutbank, Universitaetsklinikum
 Regensburg, Franz-Josef-Strauss-Allee 11, 93042, Regensburg, Germany
 gerd.schmitz@klinik.uni-regensburg.de
 SO Human Mutation, (2002) Vol. 20, No. 2, pp. 151. print.
 ISSN: 1059-7794.
 DT Article
 LA English
 ED Entered STN: 28 Aug 2002
 Last Updated on STN: 28 Aug 2002

L4 ANSWER 65 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2002:398660 BIOSIS
 DN PREV200200398660
 TI Regulation of ATP-binding cassette sterol transporters ***ABCG5*** and
 ABCG8 by the liver X receptors alpha and beta.
 AU Repa, Joyce J.; Berge, Knut E.; Pomajzl, Chris; Richardson, James A.;
 Hobbs, Helen; Mangelsdorf, David J. [Reprint author]
 CS Howard Hughes Medical Inst., University of Texas Southwestern Medical
 Center, 5323 Harry Hines Blvd., Dallas, TX, 75390-9050, USA
 davo.mango@UTSouthwestern.edu
 SO Journal of Biological Chemistry, (May 24, 2002) Vol. 277, No. 21, pp.
 18793-18800. print.
 CODEN: JBCHA3. ISSN: 0021-9258.
 DT Article
 LA English
 ED Entered STN: 24 Jul 2002
 Last Updated on STN: 24 Jul 2002

L4 ANSWER 66 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2002:381184 BIOSIS
 DN PREV200200381184
 TI Nuclear hormone receptors and ***cholesterol*** trafficking: The
 orphans find a new home.
 AU Fitzgerald, Michael L.; Moore, Kathryn J.; Freeman, Mason W. [Reprint
 author]
 CS Lipid Metabolism Unit and Department of Medicine, Massachusetts General
 Hospital, Harvard Medical School, Boston, MA, 02114, USA
 Freeman@molbio.mgh.harvard.edu
 SO Journal of Molecular Medicine (Berlin), (May, 2002) Vol. 80, No. 5, pp.
 271-281. print.
 ISSN: 0946-2716.
 DT Article
 General Review; (Literature Review)
 LA English
 ED Entered STN: 10 Jul 2002
 Last Updated on STN: 10 Jul 2002

L4 ANSWER 67 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2002:374401 BIOSIS
 DN PREV200200374401
 TI Genetic basis of sitosterolemia.
 AU Lee, Mi-Hye; Lu, Kangmo; Patel, Shailesh B. [Reprint author]
 CS Medical University of South Carolina, 114 Doughty Street, Strom Thurmond
 Building, Room 541, Charleston, SC, 29403, USA
 patelsb@musc.edu
 SO Current Opinion in Lipidology, (April, 2001) Vol. 12, No. 2, pp. 141-149.
 print.
 ISSN: 0957-9672.

General Review; (Literature Review)
 LA English
 ED Entered STN: 3 Jul 2002
 Last Updated on STN: 3 Jul 2002

L4 ANSWER 68 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2002:336551 BIOSIS
 DN PREV200200336551
 TI Genetic defects in hepatobiliary transport.
 AU Elferink, Ronald Oude [Reprint author]; Groen, Albert K.
 CS Laboratory for Experimental Hepatology, Academic Medical Center Amsterdam,
 Meibergdreef 9, F0-116, 1105 AZ, Amsterdam, Netherlands
 r.p.oude-elferink@amc.uva.nl
 SO Biochimica et Biophysica Acta, (16 March, 2002) Vol. 1586, No. 2, pp.
 129-145. print.
 CODEN: BBACAQ. ISSN: 0006-3002.
 DT Article
 General Review; (Literature Review)
 LA English
 ED Entered STN: 12 Jun 2002
 Last Updated on STN: 12 Jun 2002

L4 ANSWER 69 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2002:323630 BIOSIS
 DN PREV200200323630
 TI Dietary fatty acid influence on genes regulating ***cholesterol***
 metabolism.
 AU Lee, Ji-Young [Reprint author]; Illston, Blake [Reprint author]; Carr,
 Timothy [Reprint author]
 CS Department of Nutritional Science and Dietetics, University of
 Nebraska-Lincoln, 316 Ruth Levertson Hall, Lincoln, NE, 68583, USA
 SO FASEB Journal, (March 20, 2002) Vol. 16, No. 4, pp. A263. print.
 Meeting Info.: Annual Meeting of the Professional Research Scientists on
 Experimental Biology. New Orleans, Louisiana, USA. April 20-24, 2002.
 CODEN: FAJOEC. ISSN: 0892-6638.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 5 Jun 2002
 Last Updated on STN: 5 Jun 2002

L4 ANSWER 70 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2002:269456 BIOSIS
 DN PREV200200269456
 TI Molecular cloning, genomic organization, genetic variations, and
 characterization of murine sterolin genes ***Abcg5*** and
 Abcg8.
 AU Lu, Kangmo; Lee, Mi-Hye; Yu, Hongwei; Zhou, Yuehua; Sandell, Shelley A.;
 Salen, Gerald; Patel, Shailendra B. [Reprint author]
 CS Division of Endocrinology, Endocrinology-Diabetes Medical Genetics,
 Medical University of South Carolina, 114 Doughty Street, Charleston, SC,
 29403, USA
 patelsb@musc.edu
 SO Journal of Lipid Research, (April, 2002) Vol. 43, No. 4, pp. 565-578.
 print.
 CODEN: JLPRAW. ISSN: 0022-2275.
 DT Article
 LA English
 ED Entered STN: 1 May 2002
 Last Updated on STN: 1 May 2002

L4 ANSWER 71 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
 AN 2002:259018 BIOSIS
 DN PREV200200259018
 TI Heritability of plasma noncholesterol sterols and relationship to DNA
 sequence polymorphism in ***ABCG5*** and ***ABCG8***.
 AU Berge, Knut E.; von Bergmann, Klaus; Lutjohann, Dieter; Guerra, Rudy;
 Grundy, Scott M.; Hobbs, Helen H.; Cohen, Jonathan C. [Reprint author]
 CS Center for Human Nutrition, UT Southwestern Medical Center, 5323 Harry
 Hines Blvd, Dallas, TX, 75390-9052, USA
 jonathan.cohen@utsouthwestern.edu
 SO Journal of Lipid Research, (March, 2002) Vol. 43, No. 3, pp. 486-494.
 print.
 CODEN: JLPRAW. ISSN: 0022-2275.
 DT Article

ED Entered STN: 24 Apr 2002
Last Updated on STN: 24 Apr 2002

L4 ANSWER 72 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2002:37964 BIOSIS
DN PREV200200037964
TI Monogenic dyslipidemias: window on determinants of plasma lipoprotein metabolism.
AU Hegele, Robert A. [Reprint author]
CS Blackburn Cardiovascular Genetics Laboratory, John P. Robarts Research Institute, 406-100 Perth Drive, London, ON, N6A 5K8, Canada
robert.hegele@rri.on.ca
SO American Journal of Human Genetics, (December, 2001) Vol. 69, No. 6, pp. 1161-1177. print.
CODEN: AJHGAG. ISSN: 0002-9297.
DT Article
General Review; (Literature Review)
LA English
ED Entered STN: 2 Jan 2002
Last Updated on STN: 25 Feb 2002

L4 ANSWER 73 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:539565 BIOSIS
DN PREV200100539565
TI Two genes that map to the STSL locus cause sitosterolemia: Genomic structure and spectrum of mutations involving sterolin-1 and sterolin-2 encoded by ***ABCG5*** and ***ABCG8*** respectively.
AU Lu, K. [Reprint author]; Lee, M. H. [Reprint author]; Hazard, S.; Brooks-Wilson, A.; Salen, G.; Dean, M.; Srivastava, A.; Patel, S. B. [Reprint author]
CS Division of Endocrinology, Diabetes and Medical Genetics, Medical University of South Carolina, Charleston, SC, USA
SO American Journal of Human Genetics, (October, 2001) Vol. 69, No. 4 Supplement, pp. 359. print.
Meeting Info.: 51st Annual Meeting of the American Society of Human Genetics. San Diego, California, USA. October 12-16, 2001.
CODEN: AJHGAG. ISSN: 0002-9297.
DT Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
Conference; (Meeting Poster)
LA English
ED Entered STN: 21 Nov 2001
Last Updated on STN: 25 Feb 2002

L4 ANSWER 74 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:538877 BIOSIS
DN PREV200100538877
TI Role of ABCG1 and other ABCG family members in lipid metabolism.
AU Schmitz, Gerd [Reprint author]; Langmann, Thomas; Heimerl, Susanne
CS Institute for Clinical Chemistry and Laboratory Medicine, University of Regensburg, Franz-Josef-Strauss-Allee 11, 93042, Regensburg, Germany
gerd.schmitz@klinik.uni-regensburg.de
SO Journal of Lipid Research, (October, 2001) Vol. 42, No. 10, pp. 1513-1520. print.
CODEN: JLPRAW. ISSN: 0022-2275.
DT Article
General Review; (Literature Review)
LA English
ED Entered STN: 21 Nov 2001
Last Updated on STN: 25 Feb 2002

L4 ANSWER 75 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:402044 BIOSIS
DN PREV200100402044
TI Two genes that map to the STSL locus cause sitosterolemia: Genomic structure and spectrum of mutations involving sterolin-1 and sterolin-2, encoded by ***ABCG5*** and ***ABCG8***, respectively.
AU Lu, Kangmo; Lee, Mi-Hye; Hazard, Starr; Brooks-Wilson, Angela; Hidaka, Hideki; Kojima, Hideto; Ose, Leiv; Stalenhoef, Anton F. H.; Mietinnen, Tatu; Bjorkhem, Ingemar; Bruckert, Eric; Pandya, Arti; Brewer, H. Bryan, Jr.; Salen, Gerald; Dean, Michael; Srivastava, Anand; Patel, Shailendra B. [Reprint author]
CS Division of Endocrinology, Diabetes and Medical Genetics, Medical University of South Carolina, 114 Doughty Street, STR 541, Charleston, SC, 29403. USA

SO American Journal of Human Genetics, (August, 2001) Vol. 69, No. 2, pp. 278-290. print.
CODEN: AJHGAG. ISSN: 0002-9297.

DT Article
LA English

OS Genbank-AF351812; Genbank-AF351813; Genbank-AF351814; Genbank-AF351815;
Genbank-AF351816; Genbank-AF351817; Genbank-AF351818; Genbank-AF351819;
Genbank-AF351820; Genbank-AF351821; Genbank-AF351822; Genbank-AF351823;
Genbank-AF351824

ED Entered STN: 22 Aug 2001
Last Updated on STN: 23 Feb 2002

L4 ANSWER 76 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:356288 BIOSIS
DN PREV200100356288
TI An ATP-binding cassette gene (***ABCG5***) from the ABCG (white) gene subfamily maps to human chromosome 2p21 in the region of the sitosterolemia locus.

AU Shulenin, S.; Schriml, L. M.; Remaley, A. T.; Fojo, S.; Brewer, B.; Allikmets, R.; Dean, M. [Reprint author]

CS Laboratory of Genomic Diversity, NCI-Frederick, Bldg 560, Rm 21-18, Frederick, MD, 21702, USA
dean@ncifcrf.gov

SO Cytogenetics and Cell Genetics, (2001) Vol. 92, No. 3-4, pp. 204-208. print.
CODEN: CGCGBR. ISSN: 0301-0171.

DT Article
LA English

ED Entered STN: 2 Aug 2001
Last Updated on STN: 19 Feb 2002

L4 ANSWER 77 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:288332 BIOSIS
DN PREV200100288332
TI The ***cholesterol*** quartet.

AU Goldstein, Joseph L. [Reprint author]; Brown, Michael S. [Reprint author]

CS Department of Molecular Genetics, University of Texas Southwestern Medical Center, Dallas, TX, 75390-9046, USA
jgold@mednet.swmed.edu; mbrowl@mednet.swmed.edu

SO Science (Washington D C), (18 May, 2001) Vol. 292, No. 5520, pp. 1310-1312. print.
CODEN: SCIEAS. ISSN: 0036-8075.

DT Article
LA English

ED Entered STN: 13 Jun 2001
Last Updated on STN: 19 Feb 2002

L4 ANSWER 78 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:80065 BIOSIS
DN PREV200100080065
TI Identification of a gene, ***ABCG5***, important in the regulation of dietary ***cholesterol*** absorption.

AU Lee, Mi-Hye; Lu, Kangmo; Hazard, Star; Yu, Hongwei; Shulenin, Sergey; Hidaka, Hideki; Kojima, Hideto; Allikmets, Rando; Sakuma, Nagahiko; Pegoraro, Rosemary; Srivastava, Anand K.; Salen, Gerald; Dean, Michael; Patel, Shailendra B. [Reprint author]

CS Division of Endocrinology, Diabetes and Medical Genetics, Medical University of South Carolina, Charleston, SC, USA
patelsb@musc.edu

SO Nature Genetics, (January, 2001) Vol. 27, No. 1, pp. 79-83. print.
ISSN: 1061-4036.

DT Article
LA English

ED Entered STN: 14 Feb 2001
Last Updated on STN: 12 Feb 2002

L4 ANSWER 79 OF 270 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2001:38079 BIOSIS
DN PREV200100038079
TI Accumulation of dietary ***cholesterol*** in sitosterolemia caused by mutations in adjacent ABC transporters.

AU Berge, Knut E.; Tian, Hui; Graf, Gregory A.; Yu, Liqing; Grishin, Nick V.; Schultz, Joshua; Kwiterovich, Peter; Shan, Bei; Barnes, Robert; Hobbs, Helen H. [Reprint author]

CS Department of Molecular Genetics and McDermott Center for Human Growth and

5323 Harry Hines Boulevard, Dallas, TX, 75390-9046, USA
Helen.Hobbs@UTSouthwestern.edu
SO Science (Washington D C), (1 December, 2000) Vol. 290, No. 5497, pp.
1771-1775. print.
CODEN: SCIEAS. ISSN: 0036-8075.

DT Article
General Review; (Literature Review)
LA English
ED Entered STN: 17 Jan 2001
Last Updated on STN: 12 Feb 2002

L4 ANSWER 80 OF 270 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
AN 2003-06806 BIOTECHDS
TI New ***ABCG8*** polypeptides and nucleic acids, useful for treating
sterol-related disorders e.g. sitosterolemia, hypercholesterolemia,
hyperlipidemia, gall stones, HDL deficiency, atherosclerosis, or
nutritional deficiencies;
vector-mediated recombinant protein gene transfer and expression in
host cell for use in disease prevention and therapy

AU HOBBS H H; SHAN B; BARNES R; TIAN H
PA TULARIK INC; UNIV TEXAS SYSTEM
PI WO 2002081691 17 Oct 2002
AI WO 2001-US43823 20 Nov 2001
PRAI US 2000-253645 28 Nov 2000; US 2000-252235 20 Nov 2000
DT Patent
LA English
OS WPI: 2003-058548 [05]

L4 ANSWER 81 OF 270 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
AN 2002-14760 BIOTECHDS
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic
acid encoding the polypeptide, useful for treating sitosterolemia,
arteriosclerosis and heart diseases;
recombinant protein gene production via plasmid expression in host
cell and transgenic animal use in disease therapy and gene therapy

AU PATEL S B; DEAN M
PA US DEPT HEALTH and HUMAN SERVICES; PATEL S B; DEAN M
PI WO 2002027016 4 Apr 2002
AI WO 2000-US29859 25 Sep 2000
PRAI US 2000-235268 25 Sep 2000
DT Patent
LA English
OS WPI: 2002-416483 [44]

L4 ANSWER 82 OF 270 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
AN 2003:37021809 BIOTECHNO
TI Feeding natural hydrophilic bile acids inhibits intestinal
cholesterol absorption: Studies in the gallstone-susceptible
mouse

AU Wang D.Q.-H.; Tazuma S.; Cohen D.E.; Carey M.C.
CS D.Q.-H. Wang, Dept. of Medicine, Gastroenterology Division, Beth Israel
Deaconess Medical Center, 330 Brookline Ave., Boston, MA 02215, United
States.
E-mail: dqwang@caregroup.harvard.edu

SO American Journal of Physiology - Gastrointestinal and Liver Physiology,
(01 SEP 2003), 285/3 48-3 (G494-G502), 50 reference(s)
CODEN: APGPDF ISSN: 0193-1857

DT Journal; Article
CY United States
LA English
SL English

L4 ANSWER 83 OF 270 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
AN 2003:36896612 BIOTECHNO
TI Discovery of the hepatic canalicular and intestinal ***cholesterol***
transporters. New targets for treatment of hypercholesterolemia

AU Zanlungo S.; Nervi F.
CS S. Zanlungo, Departamento de Gastroenterologia, Pontificia Univ. Catolica
de Chile, Santiago, Chile.

SO European Review for Medical and Pharmacological Sciences, (2003), 7/2
(33-39), 33 reference(s)
CODEN: RESFDJ ISSN: 1128-3602

DT Journal; General Review
CY Italy
LA English

L4 ANSWER 84 OF 270 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
 AN 2003:36385069 BIOTECHNO
 TI New insights into the role of the adenosine triphosphate-binding cassette
 transporters in high-density lipoprotein metabolism and reverse
 cholesterol transport
 AU Brewer Jr. H.B.; Santamarina-Fojo S.
 CS Dr. H.B. Brewer Jr., Natl. Heart, Lung, Blood Institute, National
 Institutes of Health, Molecular Disease Branch, 10 Center Drive,
 Bethesda, MD 20892, United States.
 E-mail: bryan@mail.nih.gov
 SO American Journal of Cardiology, (03 APR 2003), 91/7 SUPPL. 1 (3E-11E), 39
 reference(s)
 CODEN: AJCDAG ISSN: 0002-9149
 DT Journal; Conference Article
 CY United States
 LA English
 SL English

L4 ANSWER 85 OF 270 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
 AN 2002:35454055 BIOTECHNO
 TI Functional analysis of candidate ABC transporter proteins for sitosterol
 transport
 AU Albrecht C.; Elliott J.I.; Sardini A.; Litman T.; Stieger B.; Meier P.J.;
 Higgins C.F.
 CS C. Albrecht, Faculty of Medicine, Imperial College, Hammersmith Hospital
 Campus, Du Cane Rd., London W12 ONN, United Kingdom.
 E-mail: c.albrecht@csc.mrc.ac.uk
 SO Biochimica et Biophysica Acta - Biomembranes, (23 DEC 2002), 1567/SUPPL.
 (133-142), 53 reference(s)
 CODEN: BBBMBS ISSN: 0005-2736
 PUI S0005273602006089
 DT Journal; Article
 CY Netherlands
 LA English
 SL English

L4 ANSWER 86 OF 270 CABA COPYRIGHT 2004 CABI on STN
 AN 2003:184450 CABA
 DN 20033161749
 TI Feeding natural hydrophilic bile acids inhibits intestinal
 cholesterol absorption: studies in the gallstone-susceptible mouse
 AU Wang, D. Q. H.; Tazuma, S.; Cohen, D. E.; Carey, M. C.
 CS Division of Gastroenterology, Department of Medicine, Beth Israel
 Deaconess Medical Center, 330 Brookline Ave., DA 601, Boston, MA 02215,
 USA. dqwang@caregroup.harvard.edu
 SO American Journal of Physiology, (2003) vol. 285, No. 3(1), pp. G494-G502.
 50 ref.
 Publisher: American Physiological Society. Bethesda
 ISSN: 0002-9513
 CY United States
 DT Journal
 LA English
 ED Entered STN: 20031107
 Last Updated on STN: 20031107

L4 ANSWER 87 OF 270 CABA COPYRIGHT 2004 CABI on STN
 AN 2003:184389 CABA
 DN 20033161538
 TI Genetic defenses against noncholesterol sterols
 AU Klett, E. L.; Patel, S.
 CS Division of Endocrinology, Diabetes and Medical Genetics, Medical
 University of South Carolina, Strom Thurmond Building, Room 541, 114
 Doughty Street, Charleston, SC 29403, USA. klettel@musc.edu
 SO Current Opinion in Lipidology, (2003) vol. 14, No. 4, pp. 341-345.
 Publisher: Current Science Ltd. London
 ISSN: 0957-9672
 URL: <http://ipsapp003.lwwonline.com/content/getfile/1620/22/1/abstract.htm>
 CY United Kingdom
 DT Journal
 LA English
 ED Entered STN: 20031107
 Last Updated on STN: 20031107

L4 ANSWER 88 OF 270 CABA COPYRIGHT 2004 CABI on STN

DN 20033007077
 TI ***Cholesterol*** homeostasis
 AU Ness, G. C.; Fliesler, S. J. [EDITOR]
 CS Department of Biochemistry and Molecular Biology, College of Medicine,
 University of South Florida, 12901 Bruce B. Downs Blvd., Tampa, FL 33612,
 USA. gness@hsc.usf.edu
 SO Sterols and oxysterols: chemistry, biology and pathobiology, (2002) pp.
 1-14. 82 ref.
 Publisher: Research Signpost. Trivandrum
 ISBN: 81-7736-069-8
 CY India
 DT Book; Book Article
 LA English
 ED Entered STN: 20030307
 Last Updated on STN: 20030307

L4 ANSWER 89 OF 270 CABA COPYRIGHT 2004 CABI on STN
 AN 2003:12534 CABA
 DN 20023178038
 TI ***Cholesterol*** absorption
 AU Ostlund, R. E., Jr.
 CS Division of Endocrinology, Diabetes, and Metabolism, Department of
 Internal Medicine, Washington University School of Medicine, Box 8127, 660
 S. Euclid Ave., St. Louis, MO 63110, USA. Rostlund@im.wustl.edu
 SO Current Opinion in Gastroenterology, (2002) Vol. 18, No. 2, pp. 254-258.
 Publisher: Lippincott Williams & Wilkins. Hagerstown
 ISSN: 0267-1379
 DOI: 10.1097/00001574-200203000-00017
 CY United States
 DT Journal
 LA English
 ED Entered STN: 20030110
 Last Updated on STN: 20030110

L4 ANSWER 90 OF 270 CANCERLIT on STN
 AN 2002108426 CANCERLIT
 DN 21522999 PubMed ID: 11668628
 TI Mutations in ATP-cassette binding proteins G5 (***ABCG5***) and G8 (***ABCG8***) causing sitosterolemia.
 AU Hubacek J A; Berge K E; Cohen J C; Hobbs H H
 CS Departments of Molecular Genetics and Internal Medicine and McDermott
 Center for Human Growth and Development, University of Texas Southwestern
 Medical Center at Dallas, Dallas, TX, USA.
 NC HL20948 (NHLBI)
 HL53917 (NHLBI)
 SO HUMAN MUTATION, (2001 Oct) 18 (4) 359-60.
 Journal code: 9215429. ISSN: 1098-1004.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS MEDLINE; Priority Journals
 OS MEDLINE 2001565129
 EM 200201
 ED Entered STN: 20020726
 Last Updated on STN: 20021018

L4 ANSWER 91 OF 270 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2004:366582 CAPLUS
 TI Genetic contributors to lipoprotein ***cholesterol*** levels in an
 intercross of 129S1/SvImJ and RIIIS/J inbred mice
 AU Lyons, Malcolm A.; Korstanje, Ron; Li, Renhua; Walsh, Kenneth A.;
 Churchill, Gary A.; Carey, Martin C.; Paigen, Beverly
 CS The Jackson Lab., Bar Harbor, ME, 04609, USA
 SO Physiological Genomics (2004), 17(2), 114-121
 CODEN: PHGEFP; ISSN: 1094-8341
 URL: <http://physiolgenomics.physiology.org/cgi/reprint/17/2/114.pdf>
 PB American Physiological Society
 DT Journal; (online computer file)
 LA English

L4 ANSWER 92 OF 270 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2004:356114 CAPLUS
 TI LXR/RXR ligand activation enhances basolateral efflux of .beta.-sitosterol
 in CaCo-2 cells
 AU Field. F. Jeffrev; Born. Ella; Mathur. Satva N.

SO University of Iowa, Iowa City, IA, 52242, USA
Journal of Lipid Research (2004), 45(5), 905-913
CODEN: JLPRAW; ISSN: 0022-2275
PB American Society for Biochemistry and Molecular Biology, Inc.
DT Journal
LA English

L4 ANSWER 93 OF 270 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:311527 CAPLUS
DN 140:314854
TI ATP binding cassette transporter G5 and G8 genotypes and plasma
lipoprotein levels before and after treatment with atorvastatin
AU Kajinami, Kouji; Brousseau, Margaret E.; Nartsupha, Chorthip; Ordozas,
Jose M.; Schaefer, Ernst J.
CS Lipid Research Laboratory, Division of Endocrinology Metabolism and
Molecular Biology, Tufts-New England Medical Center, Boston, MA, USA
SO Journal of Lipid Research (2004), 45(4), 653-656
CODEN: JLPRAW; ISSN: 0022-2275
PB American Society for Biochemistry and Molecular Biology, Inc.
DT Journal
LA English

RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 94 OF 270 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:211993 CAPLUS
DN 140:264510
TI 4-Oxo-quinazoline agonist ligands for the liver X nuclear receptor and
their use in treatment of disorders of lipid metabolism
IN Kober, Ingo; Albers, Michael; Koegl, Manfred; Blume, Beatrix; Deuschle,
Ulrich; Kremoser, Claus
PA Phenex Pharmaceuticals A.-G., Germany
SO Eur. Pat. Appl., 85 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1398032	A1	20040317	EP 2003-20417	20030910
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
EP 1407774	A1	20040414	EP 2002-20255	20020910
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
WO 2004024162	A1	20040325	WO 2003-EP7067	20030702
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
WO 2004024161	A1	20040325	WO 2003-EP10036	20030910
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRAI EP 2002-20255 A 20020910
OS MARPAT 140:264510
RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 95 OF 270 CAPLUS COPYRIGHT 2004 ACS on STN

DN 140:232117
TI Establishment of intestinal epithelial cell culture and application in
identifying absorbable active ingredients in natural health products
IN Lin, Yi-Chan James; Tam, Yun K.; Semple, Hugh Alexander; Sloley, Brian
Duff
PA Kinetana Group Inc., Can.
SO PCT Int. Appl., 63 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2004018657	A1	20040304	WO 2003-CA1265	20030822
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRAI US 2002-405525P P 20020823
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 96 OF 270 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:153132 CAPLUS
TI Ezetimibe Effectively Reduces Plasma Plant Sterols in Patients With
Sitosterolemia
AU Salen, G.; von Bergmann, K.; Luetjohann, D.; Kwiterovich, P.; Kane, J.;
Patel, S. B.; Musliner, T.; Stein, P.; Musser, B.
CS ., NJ, Newark, UMDNJ-New Jersey Medical School, VA Medical Center, East
Orange, NJ, NJ, USA
SO Circulation (2004), 109(8), 966-971
CODEN: CIRCAZ; ISSN: 0009-7322
PB Lippincott Williams & Wilkins
DT Journal
LA English

L4 ANSWER 97 OF 270 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:128855 CAPLUS
DN 140:301579
TI A genome-wide scan of serum lipid levels in the Old Order Amish
AU Pollin, Toni I.; Hsueh, Wen-Chi; Steinle, Nanette I.; Snitker, Soren;
Shuldiner, Alan R.; Mitchell, Braxton D.
CS Div. Endocrinology, Diabetes, and Nutrition, University of Maryland School
of Medicine, Baltimore, MD, 492 21201, USA
SO Atherosclerosis (Amsterdam, Netherlands) (2004), 173(1), 89-96
CODEN: ATHSBL; ISSN: 0021-9150
PB Elsevier
DT Journal
LA English
RE.CNT 54 THERE ARE 54 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 98 OF 270 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:115480 CAPLUS
DN 140:251454
TI Sitosterolemia in ABC-transporter G5-deficient mice is aggravated on
activation of the liver-X receptor
AU Ploesch, Torsten; Bloks, Vincent W.; Terasawa, Yuko; Berdy, Sara; Siegler,
Karen; Van Der Sluijs, Fjodor; Kema, Ido P.; Groen, Albert K.; Shan, Bei;
Kuipers, Folkert; Schwartz, Margrit
CS Center for Liver, Digestive and Metabolic Diseases, University Hospital
Groningen, Groningen, Neth.
SO Gastroenterology (2004), 126(1), 290-300
CODEN: GASTAB; ISSN: 0016-5085
PB W. B. Saunders Co.
DT Journal
LA English
RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD

L4 ANSWER 99 OF 270 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:16644 CAPLUS
TI Studies on soy proteins stimulating ***cholesterol*** efflux driven by
the intestinal ABCA1 transporter
AU Sato, Ryuichiro
CS Graduate School of Agricultural and Life Sciences, University of Tokyo,
Tokyo, 113-8657, Japan
SO Daizu Tanpakushitsu Kenkyu (2003), 6, 63-66
CODEN: DTKEFV; ISSN: 1344-4050
PB Fuji Tanpakushitsu Kenkyu Shinko Zaidan
DT Journal
LA Japanese

L4 ANSWER 100 OF 270 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:10131 CAPLUS
DN 140:161638
TI Disturbed ***cholesterol*** homeostasis in a peroxisome-deficient PEX2
knockout mouse model
AU Kovacs, Werner J.; Shackelford, Janis E.; Tape, Khanichi N.; Richards,
Michael J.; Faust, Phyllis L.; Fliesler, Steven J.; Krisans, Skaidrite K.
CS Department of Biology, San Diego State University, San Diego, CA, 92182,
USA
SO Molecular and Cellular Biology (2004), 24(1), 1-13
CODEN: MCEBD4; ISSN: 0270-7306
PB American Society for Microbiology
DT Journal
LA English
RE.CNT 59 THERE ARE 59 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 101 OF 270 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:543646 CAPLUS
DN 139:211686
TI Primary hypercholesterolemia: genetic causes and treatment of five
monogenic disorders
AU Pullinger, Clive R.; Kane, John P.; Malloy, Mary J.
CS Cardiovascular Research Institute, University of California, San
Francisco, CA, USA
SO Expert Review of Cardiovascular Therapy (2003), 1(1), 107-119
CODEN: ERCTAS; ISSN: 1478-7210
PB Future Drugs Ltd.
DT Journal; General Review
LA English
RE.CNT 103 THERE ARE 103 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 102 OF 270 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:513907 CAPLUS
DN 139:147682
TI The rat STSL locus: characterization, chromosomal assignment, and genetic
variations in sitosterolemic hypertensive rats
AU Yu, Hongwei; Pandit, Bhaswati; Klett, Eric; Lee, Mi-Hye; Lu, Kangmo;
Helou, Khalil; Ikeda, Ikuo; Egashira, Nami; Sato, Masao; Klein, Richard;
Batta, Ashok; Shalen, Gerald; Patel, Shailendra B.
CS Division of Endocrinology, Diabetes and Medical Genetics, Medical
University of South Carolina, Charleston, SC, 29403, USA
SO BMC Cardiovascular Disorders (2003), 3, No pp. given
CODEN: BCDMBB; ISSN: 1471-2261
URL: <http://www.biomedcentral.com/1471-2261/3/4>
PB BioMed Central Ltd.
DT Journal; (online computer file)
LA English
RE.CNT 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 103 OF 270 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:391428 CAPLUS
DN 140:178539
TI Biliary ***cholesterol*** secretion: More lessons from plants?
AU Stieger, Bruno
CS Department of Medicine, Division of Clinical Pharmacology and Toxicology,
University Hospital, Zurich, 8091, Switz.
SO Journal of Hepatology (2003), 38(6), 843-846
CODEN: JOHEEC; ISSN: 0168-8278

DT Journal; General Review
LA English
RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 104 OF 270 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:347377 CAPLUS
DN 139:146840
TI New insights into the role of the adenosine triphosphate-binding cassette
transporters in high-density lipoprotein metabolism and reverse
cholesterol transport
AU Brewer, H. Bryan, Jr.; Santamarina-Fojo, Silvia
CS Molecular Disease Branch, National Heart, Lung, and Blood Institute,
National Institutes of Health, Bethesda, MD, USA
SO American Journal of Cardiology (2003), 91(7A), 3E-11E
CODEN: AJCDAG; ISSN: 0002-9149
PB Excerpta Medica, Inc.
DT Journal; General Review
LA English
RE.CNT 39 THERE ARE 39 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 105 OF 270 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:285911 CAPLUS
DN 139:50179
TI ***cholesterol*** homeostasis
AU Ness, Gene C.
CS Department of Biochemistry and Molecular Biology, College of Medicine,
University of South Florida, Tampa, FL, 33612, USA
SO Sterols and Oxysterols (2002), 1-14. Editor(s): Fliesler, Steven J.
Publisher: Research Signpost, Trivandrum, India.
CODEN: 69DTPM; ISBN: 81-7736-069-8
DT Conference; General Review
LA English
RE.CNT 82 THERE ARE 82 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 106 OF 270 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:43703 CAPLUS
DN 139:50120
TI Role of ABC transporters in secretion of ***cholesterol*** from liver
into bile
AU Small, Donald M.
CS Department of Physiology and Biophysics, Center for Advanced Biomedical
Research, Boston University School of Medicine, Boston, MA, 02118, USA
SO Proceedings of the National Academy of Sciences of the United States of
America (2003), 100(1), 4-6
CODEN: PNASA6; ISSN: 0027-8424
PB National Academy of Sciences
DT Journal; General Review
LA English
RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 107 OF 270 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2002:471977 CAPLUS
DN 137:182799
TI Loss of nuclear receptor SHP impairs but does not eliminate negative
feedback regulation of bile acid synthesis
AU Kerr, Thomas A.; Saeki, Shigeru; Schneider, Manfred; Schaefer, Karen;
Berdy, Sara; Redder, Thadd; Shan, Bei; Russell, David W.; Schwarz, Margrit
CS Department of Molecular Genetics, University of Texas Southwestern Medical
Center, Dallas, TX, 75390, USA
SO Developmental Cell (2002), 2(6), 713-720
CODEN: DCEEBE; ISSN: 1534-5807
PB Cell Press
DT Journal
LA English
RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 108 OF 270 CIN COPYRIGHT 2004 ACS on STN
AN 31(9):9795K CIN
TI Government-Owned Inventions; Availability for Licensing
SO Fed. Regist.. 22 Jan 2002 (20020122). 67(14). p. 2893-2894. ISSN:

LA English

L4 ANSWER 109 OF 270 CIN COPYRIGHT 2004 ACS on STN
AN 29(51):51289G CIN
TI Other research news
SO BioCentury, 4 Dec 2000 (20001204), 8(52, Pt. 2), p. B26. ISSN: 1097-7201;
CODEN: BICEFS.
LA English

L4 ANSWER 110 OF 270 DISSABS COPYRIGHT (C) 2004 Proquest Information and
Learning Company; All Rights Reserved on STN
AN 2003:43487 DISSABS Order Number: AAI3075300
TI Changes in metabolism, composition, and function of high-density
lipoproteins during the acute-phase response
AU Khovidhunkit, Weerapan [Ph.D.]; Grunfeld, Carl [advisor]
CS University of California, San Francisco (0034)
SO Dissertation Abstracts International, (2002) Vol. 63, No. 12B, p. 5960.
Order No.: AAI3075300. 195 pages.
ISBN: 0-493-95450-3.
DT Dissertation
FS DAI
LA English

L4 ANSWER 111 OF 270 DISSABS COPYRIGHT (C) 2004 Proquest Information and
Learning Company; All Rights Reserved on STN
AN 2002:50237 DISSABS Order Number: AAI3045524
TI Regulation of gene expression by dietary fatty acids in
cholesterol metabolism
AU Lee, Ji-Young [Ph.D.]; Carr, Timothy P. [adviser]
CS The University of Nebraska - Lincoln (0138)
SO Dissertation Abstracts International, (2002) Vol. 63, No. 3B, p. 1280.
Order No.: AAI3045524. 142 pages.
ISBN: 0-493-59445-0.
DT Dissertation
FS DAI
LA English

L4 ANSWER 112 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAE31706 peptide DGENE
TI New ***ABCG8*** polypeptides and nucleic acids, useful for treating
sterol-related disorders e.g. sitosterolemia, hypercholesterolemia,
hyperlipidemia, gall stones, HDL deficiency, atherosclerosis, or
nutritional deficiencies -
IN Hobbs H H; Shan B; Barnes R; Tian H
PA (TULA-N) TULARIK INC.
(TEXA) UNIV TEXAS SYSTEM.
PI WO 2002081691 A2 20021017 94p
AI WO 2001-US43823 20011120
PRAI US 2000-252235P 20001120
US 2000-253645P 20001128
DT Patent
LA English
OS 2003-058548 [05]
DESC Epitope tag used in the invention.

L4 ANSWER 113 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAE31705 Protein DGENE
TI New ***ABCG8*** polypeptides and nucleic acids, useful for treating
sterol-related disorders e.g. sitosterolemia, hypercholesterolemia,
hyperlipidemia, gall stones, HDL deficiency, atherosclerosis, or
nutritional deficiencies -
IN Hobbs H H; Shan B; Barnes R; Tian H
PA (TULA-N) TULARIK INC.
(TEXA) UNIV TEXAS SYSTEM.
PI WO 2002081691 A2 20021017 94p
AI WO 2001-US43823 20011120
PRAI US 2000-252235P 20001120
US 2000-253645P 20001128
DT Patent
LA English
OS 2003-058548 [05]
CR N-PSDB: AAD48883
DESC Human ***ABCG8*** protein.

L4 ANSWER 114 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

TI New ***ABCG8*** polypeptides and nucleic acids, useful for treating
 sterol-related disorders e.g. sitosterolemia, hypercholesterolemia,
 hyperlipidemia, gall stones, HDL deficiency, atherosclerosis, or
 nutritional deficiencies -
 IN Hobbs H H; Shan B; Barnes R; Tian H
 PA (TULA-N) TULARIK INC.
 (TEXA) UNIV TEXAS SYSTEM.
 PI WO 2002081691 A2 20021017 94p
 AI WO 2001-US43823 20011120
 PRAI US 2000-252235P 20001120
 US 2000-253645P 20001128
 DT Patent
 LA English
 OS 2003-058548 [05]
 CR N-PSDB: AAD48882
 DESC Human ***ABCG5*** protein.

L4 ANSWER 115 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE31703 Protein DGENE
 TI New ***ABCG8*** polypeptides and nucleic acids, useful for treating
 sterol-related disorders e.g. sitosterolemia, hypercholesterolemia,
 hyperlipidemia, gall stones, HDL deficiency, atherosclerosis, or
 nutritional deficiencies -
 IN Hobbs H H; Shan B; Barnes R; Tian H
 PA (TULA-N) TULARIK INC.
 (TEXA) UNIV TEXAS SYSTEM.
 PI WO 2002081691 A2 20021017 94p
 AI WO 2001-US43823 20011120
 PRAI US 2000-252235P 20001120
 US 2000-253645P 20001128
 DT Patent
 LA English
 OS 2003-058548 [05]
 CR N-PSDB: AAD48881
 DESC Mouse ***ABCG8*** protein.

L4 ANSWER 116 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAE31702 Protein DGENE
 TI New ***ABCG8*** polypeptides and nucleic acids, useful for treating
 sterol-related disorders e.g. sitosterolemia, hypercholesterolemia,
 hyperlipidemia, gall stones, HDL deficiency, atherosclerosis, or
 nutritional deficiencies -
 IN Hobbs H H; Shan B; Barnes R; Tian H
 PA (TULA-N) TULARIK INC.
 (TEXA) UNIV TEXAS SYSTEM.
 PI WO 2002081691 A2 20021017 94p
 AI WO 2001-US43823 20011120
 PRAI US 2000-252235P 20001120
 US 2000-253645P 20001128
 DT Patent
 LA English
 OS 2003-058548 [05]
 CR N-PSDB: AAD48880
 DESC Mouse ***ABCG5*** protein.

L4 ANSWER 117 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAU96993 Protein DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic
 acid encoding the polypeptide, useful for treating sitosterolemia,
 arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** mutant R419P protein sequence.

L4 ANSWER 118 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAU96992 Protein DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide. and the nucleic

arteriosclerosis and heart diseases -

IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.

PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925
DT Patent
LA English
OS 2002-416483 [44]
DESC Human ***ABCG5*** mutant E146Q protein sequence.

L4 ANSWER 119 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAU96991 Protein DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -

IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.

PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925
DT Patent
LA English
OS 2002-416483 [44]
DESC Human ***ABCG5*** mutant R408X protein sequence.

L4 ANSWER 120 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAU96990 Protein DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -

IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.

PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925
DT Patent
LA English
OS 2002-416483 [44]
DESC Human ***ABCG5*** mutant R389H protein sequence.

L4 ANSWER 121 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAU96989 Protein DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -

IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.

PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925
DT Patent
LA English
OS 2002-416483 [44]
DESC Human ***ABCG5*** mutant R419H protein sequence.

L4 ANSWER 122 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN AAU96988 Protein DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -

IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.

PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925

DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** mutant R243X protein sequence.

L4 ANSWER 123 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAU96987 Protein DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 CR N-PSDB: ABK51687
 DESC Hamster ***ABCG5*** protein.

L4 ANSWER 124 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAU96986 Protein DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 CR N-PSDB: ABK51686
 DESC Rat ***ABCG5*** protein.

L4 ANSWER 125 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAU96985 Protein DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 CR N-PSDB: ABK51684
 DESC Mouse ***ABCG5*** protein.

L4 ANSWER 126 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAU96984 Protein DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 CR N-PSDB: ABK51681

L4 ANSWER 127 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD48885 DNA DGENE
 TI New ***ABCG8*** polypeptides and nucleic acids, useful for treating
 sterol-related disorders e.g. sitosterolemia, hypercholesterolemia,
 hyperlipidemia, gall stones, HDL deficiency, atherosclerosis, or
 nutritional deficiencies -
 IN Hobbs H H; Shan B; Barnes R; Tian H
 PA (TULA-N) TULARIK INC.
 (TEXA) UNIV TEXAS SYSTEM.
 PI WO 2002081691 A2 20021017 94p
 AI WO 2001-US43823 20011120
 PRAI US 2000-252235P 20001120
 US 2000-253645P 20001128
 DT Patent
 LA English
 OS 2003-058548 [05]
 DESC Control DNA fragment flanked by ***ABCG5*** - ***ABCG8*** DNA
 sequence.

L4 ANSWER 128 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD48884 DNA DGENE
 TI New ***ABCG8*** polypeptides and nucleic acids, useful for treating
 sterol-related disorders e.g. sitosterolemia, hypercholesterolemia,
 hyperlipidemia, gall stones, HDL deficiency, atherosclerosis, or
 nutritional deficiencies -
 IN Hobbs H H; Shan B; Barnes R; Tian H
 PA (TULA-N) TULARIK INC.
 (TEXA) UNIV TEXAS SYSTEM.
 PI WO 2002081691 A2 20021017 94p
 AI WO 2001-US43823 20011120
 PRAI US 2000-252235P 20001120
 US 2000-253645P 20001128
 DT Patent
 LA English
 OS 2003-058548 [05]
 DESC ***ABCG5*** - ***ABCG8*** DNA.

L4 ANSWER 129 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD48883 DNA DGENE
 TI New ***ABCG8*** polypeptides and nucleic acids, useful for treating
 sterol-related disorders e.g. sitosterolemia, hypercholesterolemia,
 hyperlipidemia, gall stones, HDL deficiency, atherosclerosis, or
 nutritional deficiencies -
 IN Hobbs H H; Shan B; Barnes R; Tian H
 PA (TULA-N) TULARIK INC.
 (TEXA) UNIV TEXAS SYSTEM.
 PI WO 2002081691 A2 20021017 94p
 AI WO 2001-US43823 20011120
 PRAI US 2000-252235P 20001120
 US 2000-253645P 20001128
 DT Patent
 LA English
 OS 2003-058548 [05]
 CR P-PSDB: AAE31705
 DESC Human ***ABCG8*** DNA.

L4 ANSWER 130 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD48882 DNA DGENE
 TI New ***ABCG8*** polypeptides and nucleic acids, useful for treating
 sterol-related disorders e.g. sitosterolemia, hypercholesterolemia,
 hyperlipidemia, gall stones, HDL deficiency, atherosclerosis, or
 nutritional deficiencies -
 IN Hobbs H H; Shan B; Barnes R; Tian H
 PA (TULA-N) TULARIK INC.
 (TEXA) UNIV TEXAS SYSTEM.
 PI WO 2002081691 A2 20021017 94p
 AI WO 2001-US43823 20011120
 PRAI US 2000-252235P 20001120
 US 2000-253645P 20001128
 DT Patent
 LA English
 OS 2003-058548 [05]
 CR P-PSDB: AAE31704
 DESC Human ***ABCG5*** DNA.

L4 ANSWER 131 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD48881 DNA DGENE
 TI New ***ABCG8*** polypeptides and nucleic acids, useful for treating
 sterol-related disorders e.g. sitosterolemia, hypercholesterolemia,
 hyperlipidemia, gall stones, HDL deficiency, atherosclerosis, or
 nutritional deficiencies -
 IN Hobbs H H; Shan B; Barnes R; Tian H
 PA (TULA-N) TULARIK INC.
 (TEXA) UNIV TEXAS SYSTEM.
 PI WO 2002081691 A2 20021017 94p
 AI WO 2001-US43823 20011120
 PRAI US 2000-252235P 20001120
 US 2000-253645P 20001128
 DT Patent
 LA English
 OS 2003-058548 [05]
 CR P-PSDB: AAE31703
 DESC Mouse ***ABCG8*** DNA.

L4 ANSWER 132 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN AAD48880 DNA DGENE
 TI New ***ABCG8*** polypeptides and nucleic acids, useful for treating
 sterol-related disorders e.g. sitosterolemia, hypercholesterolemia,
 hyperlipidemia, gall stones, HDL deficiency, atherosclerosis, or
 nutritional deficiencies -
 IN Hobbs H H; Shan B; Barnes R; Tian H
 PA (TULA-N) TULARIK INC.
 (TEXA) UNIV TEXAS SYSTEM.
 PI WO 2002081691 A2 20021017 94p
 AI WO 2001-US43823 20011120
 PRAI US 2000-252235P 20001120
 US 2000-253645P 20001128
 DT Patent
 LA English
 OS 2003-058548 [05]
 CR P-PSDB: AAE31702
 DESC Mouse ***ABCG5*** DNA.

L4 ANSWER 133 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51687 cDNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic
 acid encoding the polypeptide, useful for treating sitosterolemia,
 arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 CR P-PSDB: AAU96987
 DESC cDNA encoding hamster ***ABCG5*** protein.

L4 ANSWER 134 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51686 cDNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic
 acid encoding the polypeptide, useful for treating sitosterolemia,
 arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 CR P-PSDB: AAU96986
 DESC cDNA encoding rat ***ABCG5*** protein.

L4 ANSWER 135 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Mouse ***ABCG5*** cDNA sequence.

L4 ANSWER 136 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51684 DNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 CR P-PSDB: AAU96985
 DESC DNA encoding mouse ***ABCG5*** protein.

L4 ANSWER 137 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51683 DNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** upstream genomic sequence, exon 1, intron 1 and exon 2.

L4 ANSWER 138 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51682 cDNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** cDNA sequence.

L4 ANSWER 139 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51681 DNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HFAITH & HUMAN SERVICES.

(DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 CR P-PSDB: AAU98984
 DESC DNA encoding human ***ABCG5*** protein.

L4 ANSWER 140 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51680 DNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** gene PCR primer #26.

L4 ANSWER 141 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51679 DNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** gene PCR primer #25.

L4 ANSWER 142 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51678 DNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** gene PCR primer #24.

L4 ANSWER 143 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51677 DNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English

DESC Human ***ABCG5*** gene PCR primer #23.

L4 ANSWER 144 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51676 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.
PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925
DT Patent
LA English
OS 2002-416483 [44]

DESC Human ***ABCG5*** gene PCR primer #22.

L4 ANSWER 145 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51675 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.
PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925
DT Patent
LA English
OS 2002-416483 [44]

DESC Human ***ABCG5*** gene PCR primer #21.

L4 ANSWER 146 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51674 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.
PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925
DT Patent
LA English
OS 2002-416483 [44]

DESC Human ***ABCG5*** gene PCR primer #20.

L4 ANSWER 147 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51673 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.
PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925
DT Patent
LA English
OS 2002-416483 [44]

DESC Human ***ABCG5*** gene PCR primer #19.

L4 ANSWER 148 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51672 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -

PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** gene PCR primer #18.

L4 ANSWER 149 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51671 DNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** gene PCR primer #17.

L4 ANSWER 150 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51670 DNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** gene PCR primer #16.

L4 ANSWER 151 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51669 DNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** gene PCR primer #15.

L4 ANSWER 152 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51668 DNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent

OS 2002-416483 [44]
DESC Human ***ABCG5*** gene PCR primer #14.

L4 ANSWER 153 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51667 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.
PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925
DT Patent
LA English
OS 2002-416483 [44]
DESC Human ***ABCG5*** gene PCR primer #13.

L4 ANSWER 154 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51666 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.
PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925
DT Patent
LA English
OS 2002-416483 [44]
DESC Human ***ABCG5*** gene PCR primer #12.

L4 ANSWER 155 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51665 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.
PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925
DT Patent
LA English
OS 2002-416483 [44]
DESC Human ***ABCG5*** gene PCR primer #11.

L4 ANSWER 156 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51664 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.
PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925
DT Patent
LA English
OS 2002-416483 [44]
DESC Human ***ABCG5*** gene PCR primer #10.

L4 ANSWER 157 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51663 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia.

IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.
PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925
DT Patent
LA English
OS 2002-416483 [44]
DESC Human ***ABCG5*** gene PCR primer #9.

L4 ANSWER 158 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51662 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.
PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925
DT Patent
LA English
OS 2002-416483 [44]
DESC Human ***ABCG5*** gene PCR primer #8.

L4 ANSWER 159 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51661 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.
PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925
DT Patent
LA English
OS 2002-416483 [44]
DESC Human ***ABCG5*** gene PCR primer #7.

L4 ANSWER 160 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51660 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.
PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925
DT Patent
LA English
OS 2002-416483 [44]
DESC Human ***ABCG5*** gene PCR primer #6.

L4 ANSWER 161 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51659 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.
PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925

LA English
OS 2002-416483 [44]
DESC Human ***ABCG5*** gene PCR primer #5.

L4 ANSWER 162 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51658 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -

IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.

PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925

DT Patent

LA English

OS 2002-416483 [44]

DESC Human ***ABCG5*** gene PCR primer #4.

L4 ANSWER 163 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51657 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -

IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.

PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925

DT Patent

LA English

OS 2002-416483 [44]

DESC Human ***ABCG5*** gene PCR primer #3.

L4 ANSWER 164 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51656 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -

IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.

PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925

DT Patent

LA English

OS 2002-416483 [44]

DESC Human ***ABCG5*** gene PCR primer #2.

L4 ANSWER 165 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51655 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -

IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.

PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925

DT Patent

LA English

OS 2002-416483 [44]

DESC Human ***ABCG5*** gene PCR primer #1.

L4 ANSWER 166 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51654 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic

arteriosclerosis and heart diseases -

IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.

PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925
DT Patent
LA English
OS 2002-416483 [44]
DESC Human ***ABCG5*** gene splice junction sequence #24.

L4 ANSWER 167 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51653 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -

IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.

PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925
DT Patent
LA English
OS 2002-416483 [44]
DESC Human ***ABCG5*** gene splice junction sequence #23.

L4 ANSWER 168 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51652 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -

IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.

PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925
DT Patent
LA English
OS 2002-416483 [44]
DESC Human ***ABCG5*** gene splice junction sequence #22.

L4 ANSWER 169 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51651 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -

IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.

PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925
DT Patent
LA English
OS 2002-416483 [44]
DESC Human ***ABCG5*** gene splice junction sequence #21.

L4 ANSWER 170 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51650 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -

IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.

PI WO 2002027016 A2 20020404 66p
AT WO 2001-US29859 20010925

DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** gene splice junction sequence #20.

L4 ANSWER 171 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51649 DNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** gene splice junction sequence #19.

L4 ANSWER 172 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51648 DNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** gene splice junction sequence #18.

L4 ANSWER 173 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51647 DNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** gene splice junction sequence #17.

L4 ANSWER 174 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51646 DNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** gene splice junction sequence #16.

L4 ANSWER 175 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ARK51645 DNA DGENE

acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -

IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.

PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925
DT Patent
LA English
OS 2002-416483 [44]
DESC Human ***ABCG5*** gene splice junction sequence #15.

L4 ANSWER 176 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51644 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -

IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.

PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925
DT Patent
LA English
OS 2002-416483 [44]
DESC Human ***ABCG5*** gene splice junction sequence #14.

L4 ANSWER 177 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51643 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -

IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.

PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925
DT Patent
LA English
OS 2002-416483 [44]
DESC Human ***ABCG5*** gene splice junction sequence #13.

L4 ANSWER 178 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51642 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -

IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.

PI WO 2002027016 A2 20020404 66p
AI WO 2001-US29859 20010925
PRAI US 2000-235268P 20000925
DT Patent
LA English
OS 2002-416483 [44]
DESC Human ***ABCG5*** gene splice junction sequence #12.

L4 ANSWER 179 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
AN ABK51641 DNA DGENE
TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -

IN Patel S B; Dean M
PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
(PATE-I) PATEL S B.
(DEAN-I) DEAN M.

PI WO 2002027016 A2 20020404 66p

PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** gene splice junction sequence #11.

L4 ANSWER 180 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51640 DNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** gene splice junction sequence #10.

L4 ANSWER 181 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51639 DNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** gene splice junction sequence #9.

L4 ANSWER 182 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51638 DNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** gene splice junction sequence #8.

L4 ANSWER 183 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51637 DNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** gene splice junction sequence #7.

L4 ANSWER 184 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN

TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** gene splice junction sequence #6.

L4 ANSWER 185 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51635 DNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** gene splice junction sequence #5.

L4 ANSWER 186 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51634 DNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** gene splice junction sequence #4.

L4 ANSWER 187 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51633 DNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** gene splice junction sequence #3.

L4 ANSWER 188 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51632 DNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.

AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** gene splice junction sequence #2.

L4 ANSWER 189 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51631 DNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** gene splice junction sequence #1.

L4 ANSWER 190 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51630 DNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** gene PCR primer white RACE4.

L4 ANSWER 191 OF 270 DGENE COPYRIGHT 2004 THOMSON DERWENT on STN
 AN ABK51629 DNA DGENE
 TI Novel mammalian ATP-binding cassette gene 5 polypeptide, and the nucleic acid encoding the polypeptide, useful for treating sitosterolemia, arteriosclerosis and heart diseases -
 IN Patel S B; Dean M
 PA (USSH) US DEPT HEALTH & HUMAN SERVICES.
 (PATE-I) PATEL S B.
 (DEAN-I) DEAN M.
 PI WO 2002027016 A2 20020404 66p
 AI WO 2001-US29859 20010925
 PRAI US 2000-235268P 20000925
 DT Patent
 LA English
 OS 2002-416483 [44]
 DESC Human ***ABCG5*** gene PCR primer white3 RACE3c.

L4 ANSWER 192 OF 270 DRUGU COPYRIGHT 2004 THOMSON DERWENT on STN
 AN 2003-11107 DRUGU T B
 TI Ezetimibe is an effective treatment for homozygous sitosterolemia.
 AU Salen G; von Bergmann K; Kwiterovich P; Musser B; O'Grady L; Stein P; Musliner T
 CS Univ.New-Jersey-State; Univ.Bonn; Merck-USA
 LO Newark; Rahway, N.J.; Baltimore, Md., USA; Bonn, Ger.
 SO Circulation (106, No. 19, Suppl., 185, 2002)
 CODEN: CIRCAZ ISSN: 0009-7322
 AV University of Medicine and Dentistry of New Jersey, Newark, NJ, U.S.A.
 LA English
 DT Journal
 FA AB; LA; CT
 FS Literature

L4 ANSWER 193 OF 270 EMBAL COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.
 on STN

TI Lack of biliary lipid excretion in the little skate, *Raja erinacea*, indicates the absence of functional Mdr2, ***Abcg5***, and ***Abcg8*** transporters.
AU Oude Elferink R.P.J.; Ottenhoff R.; Fricker G.; Seward D.J.; Ballatori N.; Boyer J.
CS R.P.J. Oude Elferink, AMC Liver Center, Academic Medical Center S1-162, Meibergdreef 69-71, 1105 BK Amsterdam, United States. r.p.oude-elferink@amc.uva.nl
SO American Journal of Physiology - Gastrointestinal and Liver Physiology, (2004) 286/5 49-5 (G762-G768). Refs: 28.
CODEN: APGPD ISSN: 0193-1857
CY United States
DT Article
LA English
SL English

L4 ANSWER 194 OF 270 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN
AN 2004021860 EMBASE
TI Monogenic hypercholesterolemia: New insights in pathogenesis and treatment.
AU Rader D.J.; Cohen J.; Hobbs H.H.
CS H.H. Hobbs, Department of Molecular Genetics, Univ. Texas Southwestern Med. Ctr., 5323 Harry Hines Boulevard, Dallas, TX 75390, United States. Helen.Hobbs@UTSouthwestern.edu
SO Journal of Clinical Investigation, (2003) 111/12 (1795-1803). Refs: 53
ISSN: 0021-9738 CODEN: JCINAO
CY United States
DT Journal; General Review
FS 018 Cardiovascular Diseases and Cardiovascular Surgery
022 Human Genetics
029 Clinical Biochemistry
030 Pharmacology
037 Drug Literature Index
LA English

L4 ANSWER 195 OF 270 FEDRIP COPYRIGHT 2004 NTIS on STN
AN 2004:192767 FEDRIP
NR CRISP 1R01HL74388-01
TI ***Cholesterol*** Homeostasis in Framingham Offspring Study
SF Principal Investigator: LICHTENSTEIN, ALICE H; LICHTENSTEIN@HNRC.TUFTS.EDU, TUFTS UNIVERSITY, 711 WASHINGTON STREET
CSP TUFTS UNIVERSITY BOSTON, BOSTON, MASSACHUSETTS
CSS Supported By: NATIONAL HEART, LUNG, AND BLOOD INSTITUTE
DB 2008 (/15/03)
FYR 2003
DE 2007 (/31/07)
FU New Award (Type 1)
FS National Institutes of Health

L4 ANSWER 196 OF 270 FEDRIP COPYRIGHT 2004 NTIS on STN
AN 2004:192285 FEDRIP
NR CRISP 1R01HL72304-01
TI Role of ***ABCG5*** and ***ABCG8*** in Sterol Metabolism
SF Principal Investigator: HOBBS, HELEN H; HELEN.HOBBS@UTSOUTHWESTERN.EDU, UT SOUTHWESTERN MED CTR- DALLAS, 5323 HARRY HINES BLVD
CSP UNIVERSITY OF TEXAS SW MED CTR/DALLAS, DALLAS, TEXAS
CSS Supported By: NATIONAL HEART, LUNG, AND BLOOD INSTITUTE
DB 2002 (/01/03)
FYR 2003
DE 2001 (/31/08)
FU New Award (Type 1)
FS National Institutes of Health

L4 ANSWER 197 OF 270 FEDRIP COPYRIGHT 2004 NTIS on STN
AN 2004:185812 FEDRIP
NR CRISP 1Z01HL02064-01
TI Lipoprotein Metabolism In Genetic Dyslipoproteinemias
SF Principal Investigator: SHAMBUREK, ROBERT D
CSS Supported By: NATIONAL HEART, LUNG, AND BLOOD INSTITUTE
FYR 2002
FU Not Applicable
FS National Institutes of Health

AN 2004:185811 FEDRIP
NR CRISP 1Z01HL02063-02
TI Study Of Genes That Modulate HDL Metabolism & Developmen
SF Principal Investigator: BREWER, HOLLIS BRYAN
CSS Supported By: NATIONAL HEART, LUNG, AND BLOOD INSTITUTE
FYR 2002
FU Not Applicable
FS National Institutes of Health

L4 ANSWER 199 OF 270 FEDRIP COPYRIGHT 2004 NTIS on STN
AN 2004:185799 FEDRIP
NR CRISP 1Z01HL02039-11
TI Lipoprotein Metabolism In Genetic Dyslipoproteinemias
SF Principal Investigator: SHAMBUREK, ROBERT D
CSS Supported By: NATIONAL HEART, LUNG, AND BLOOD INSTITUTE
FYR 2001
FU Not Applicable
FS National Institutes of Health

L4 ANSWER 200 OF 270 FEDRIP COPYRIGHT 2004 NTIS on STN
AN 2004:129442 FEDRIP
NR AGRIC 0194930
TI Regulatory Mechanisms of Intestinal ***Cholesterol*** Absorption
SF Principal Investigator: (pathogenesis)
Carr, T. P.
CSP UNIVERSITY OF NEBRASKA, NUTRITION SCIENCE & DIETETICS, LINCOLN, NEBRASKA,
68583
FU HATCH |c H
FS Department of Agriculture

L4 ANSWER 201 OF 270 FEDRIP COPYRIGHT 2004 NTIS on STN
AN 2004:115159 FEDRIP
NR AGRIC 0174808
TI THE METABOLIC BASIS OF ATHEROSCLEROSIS
SF Principal Investigator: (hepatocytes)
Carr, T. P.
CSP UNIVERSITY OF NEBRASKA, NUTRITION SCIENCE & DIETETICS, LINCOLN, NEBRASKA,
68583
FU HATCH |c H
FS Department of Agriculture

L4 ANSWER 202 OF 270 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AY366410 GenBank (R)
GenBank ACC. NO. (GBN): AY366410
GenBank VERSION (VER): AY366410.1 GI:34500701
CAS REGISTRY NO. (RN): 586236-78-4
SEQUENCE LENGTH (SQL): 1048
MOLECULE TYPE (CI): DNA; linear
DIVISION CODE (CI): Rodents
DATE (DATE): 13 Sep 2003
DEFINITION (DEF): Mus musculus strain PERA/Ei nuclear receptor subfamily
0 group B member 2 (Nr0b2) gene, promoter region and
partial cds.
SOURCE: Mus musculus (house mouse)
ORGANISM (ORGN): Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Euteleostomi; Mammalia; Eutheria; Rodentia;
Sciurognathi; Muridae; Murinae; Mus
NUCLEIC ACID COUNT (NA): 244 a 263 c 285 g 256 t
REFERENCE: 1 (bases 1 to 1048)
AUTHOR (AU): Wittenburg,H.; Lyons,M.A.; Li,R.; Churchill,G.A.;
Carey,M.C.; Paigen,B.
TITLE (TI): FXR and ***ABCG5*** / ***ABCG8*** as Determinants
of ***Cholesterol*** Gallstone Formation from
Quantitative Trait Locus Mapping in Mice
JOURNAL (SO): Gastroenterology (2003) In press
REFERENCE: 2 (bases 1 to 1048)
AUTHOR (AU): Wittenburg,H.; Lyons,M.A.; Paigen,B.; Carey,M.C.
TITLE (TI): Direct Submission
JOURNAL (SO): Submitted (12-AUG-2003) Department of Medicine II,
University of Leipzig, Philipp-Rosenthal-Str. 27,
Leipzig 04103, Germany

FEATURES (FEAT):

```

=====+=====+=====
source      1..1048      /organism="Mus musculus"
                        /mol-type="genomic DNA"
                        /strain="PERA/Ei"
                        /db-xref="taxon:10090"
gene        1013..>1048 /gene="Nr0b2"
                        /note="synonym: shp1"
mRNA        1013..>1048 /gene="Nr0b2"
                        /product="nuclear receptor
                        subfamily 0 group B member 2"
CDS         1046..>1048 /gene="Nr0b2"
                        /codon-start=1
                        /product="nuclear receptor
                        subfamily 0 group B member 2"
                        /protein-id="AAQ73846.1"
                        /db-xref="GI:34500702"
                        /translation="M"
=====+=====+=====

```

SEQUENCE (SEQ):

```

1 acaggtgtgg gtgggtggga tggggtgcct gttagccacc agttctgaga aattcacact
61 ttggctgcag aattgatcca aggggacaaa caaagatgac ttgaggtct gacacacctg
121 tgctccatcc cttcccgttg gagtgacttt gagtaggtca cttcacttct tggagtgtca
181 cagagtaaga atgtagtctc attggaaagt cttcagggtt acaatggaaa gggaccacaca
241 acaaagcggg gtccttagta aatgtcggcc atgtattccc acggttttgc aagggcagac
301 ccagcctctc tgacgtata ggaatgtcga cttgggggaa ggggctctga atgatcttcc
361 tcccacaggg gcccttgat tggagtccca ggaggcggc ctccgagact gtacagttag
421 caaagtcccc caggacctg gctcccttcc ctgtggcccg ttccttacca acaacagtag
481 agagcccaa ggtaggcaa acacagcagc gataagccac ttccaggctg ggtcatgtat
541 tcaaggcttt agccagcttc ctggctggct ccttggctca gtgagaaccc tggctcttatg
601 tgcatggaaa tgggcatcaa tagaaacagc agtcccaggc actggctggg tgagcgctg
661 agaccttggg gccctggtac agcctgggtt aatgaccctg tttatgcact tgagtcattc
721 gataaagggc atccaggcag tgggcagggt gccctgtgcc ctgcaatggc cacttcattg
781 actaaagtga tagcaaggcc acgtggagct tccagtggcc ctccccacc acttccccat
841 cagtcctgcc agggtcagcg tgtatgcatt gtgtgtgtgt atgggttttt tttttttttt
901 ttttttcctt tcaatgaaca tgacttctgg agtcaagggt gtttgccagg tccccctccc
961 gcccatcaag gatataaata gactcacag tagagagaga gagagggcca gatagctggg
1021 aagaacagg aacaagatac taaccatg

```

L4 ANSWER 203 OF 270 GENBANK.RTM. COPYRIGHT 2004 on STN

```

LOCUS (LOC):      AY366409      GenBank (R)
GenBank ACC. NO. (GBN): AY366409
GenBank VERSION (VER): AY366409.1 GI:34500699
CAS REGISTRY NO. (RN): 586236-76-2
SEQUENCE LENGTH (SQL): 1048
MOLECULE TYPE (CI): DNA; linear
DIVISION CODE (CI): Rodents
DATE (DATE):      13 Sep 2003
DEFINITION (DEF): Mus musculus strain I/LnJ nuclear receptor subfamily 0
                    group B member 2 (Nr0b2) gene, promoter region and
                    partial cds.
SOURCE:
  ORGANISM (ORGN): Mus musculus
                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
                    Euteleostomi; Mammalia; Eutheria; Rodentia;
                    Sciurognathi; Muridae; Murinae; Mus
NUCLEIC ACID COUNT (NA): 244 a 263 c 285 g 256 t
REFERENCE:
  AUTHOR (AU):      Wittenburg,H.; Lyons,M.A.; Li,R.; Churchill,G.A.;
                    Carey,M.C.; Paigen,B.
  TITLE (TI):        FXR and ***ABCG5*** / ***ABCG8*** as Determinants
                    of ***cholesterol*** Gallstone Formation from
                    Quantitative Trait Locus Mapping in Mice
  JOURNAL (SO):      Gastroenterology (2003) In press
REFERENCE:
  AUTHOR (AU):      Wittenburg,H.; Lyons,M.A.; Paigen,B.; Carey,M.C.
  TITLE (TI):        Direct Submission
  JOURNAL (SO):      Submitted (12-AUG-2003) Department of Medicine II,
                    University of Leipzig, Philipp-Rosenthal-Str. 27,
                    Leipzig 04103, Germany

```

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..1048	/organism="Mus musculus"

gene	1013..>1048	/strain="I/LnJ"
		/db-xref="taxon:10090"
		/chromosome="4"
		/map="60 cM"
		/gene="Nr0b2"
		/note="synonym: Shp1"
mRNA	1013..>1048	/gene="Nr0b2"
		/product="nuclear receptor
		subfamily 0 group B member 2"
		/gene="Nr0b2"
		/codon-start=1
		/product="nuclear receptor
		subfamily 0 group B member 2"
		/protein-id="AAQ73845.1"
		/db-xref="GI:34500700"
		/translation="M"
CDS	1046..>1048	

SEQUENCE (SEQ):

```

1  acaggtgtgg gtgggtggga tggggtgcct gttagccacc agttctgaga aattcacact
61 ttggctgcag aattgatcca aggggacaaa caaagatgac tttgaggtcc gacacacctg
121 tgctccatcc cttcccgttg gagtgacttt gagtaggtca cttcacttct tggagtgtca
181 cagagtaaga atgtagtctc attggaaagt cttcagggtt acaatggaaa gggaccacaca
241 acaaagcggg gtccttagta aatgtcggcc atgtattccc acggttttgc aagggcagac
301 ccagcctctc tgacgctata ggaatgctga cttgggggaa ggggctctga atgatcttcc
361 tcccacaggg gcccctggat tggagtccca ggagggcggc ctctgagact gtacagttag
421 caaagtcccc cagggacctg gctcccttcc ctgtggcccg ttccttacca acaacagtag
481 agagccccc aa ggttaggcaa acacagcagc gataagccac ttccaggctg ggtcatgtat
541 tcaaggcttt agccagcttc ctggctggct ccttggtcca gtgagaaccc tggctcttatg
601 tgcatggaaa tgggcatcaa tagaaacagc agtcccaggc actggctggt tgagcgctg
661 agaccttggt gccctgggtac agcctgggtt aatgaccctg tttatgcact tgagtcaccc
721 gataaagggc atccaggcag tgggcagggt gccctgtgcc ctgcaatggc cacttcattg
781 actaaagtga tagcaaggcc acgtggagct tccagtcccc ctccccacc acttccccat
841 cagtcctgcc agggtcagcg tgtatgcatt gtgtgtgtgt atgggttttt tttttttttt
901 ttttttcctt tcaatgaaca tgacttctgg agtcaagggt gtttggccag tccccttccc
961 gcccatcaag gatataaata gcactcacag tagagagaga gagagggcc a gatagctggg
1021 aagaacagg aacaagatac taaccatg

```

L4 ANSWER 204 OF 270 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AY366408 GenBank (R)
 GenBank ACC. NO. (GBN): AY366408
 GenBank VERSION (VER): AY366408.1 GI:34500697
 CAS REGISTRY NO. (RN): 586236-74-0
 SEQUENCE LENGTH (SQL): 997
 MOLECULE TYPE (CI): DNA; linear
 DIVISION CODE (CI): Rodents
 DATE (DATE): 13 Sep 2003
 DEFINITION (DEF): Mus musculus strain I/LnJ nuclear receptor subfamily 1 group H member 4 (Nr1h4) gene, promoter region and partial cds.
 SOURCE: Mus musculus (house mouse)
 ORGANISM (ORGN): Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
 NUCLEIC ACID COUNT (NA): 276 a 229 c 186 g 306 t
 REFERENCE: 1 (bases 1 to 997)
 AUTHOR (AU): Wittenburg,H.; Lyons,M.A.; Li,R.; Churchill,G.A.; Carey,M.C.; Paigen,B.
 TITLE (TI): Fxr and ****ABCG5**** / ****ABCG8**** as Determinants of ****Cholesterol**** Gallstone Formation from Quantitative Trait Locus Mapping in Mice
 JOURNAL (SO): Gastroenterology (2003) In press
 REFERENCE: 2 (bases 1 to 997)
 AUTHOR (AU): Wittenburg,H.; Lyons,M.A.; Paigen,B.; Carey,M.C.
 TITLE (TI): Direct Submission
 JOURNAL (SO): Submitted (12-AUG-2003) Department of Medicine II, University of Leipzig, Philipp-Rosenthal-Str. 27, Leipzig 04103, Germany

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..997	/organism="Mus musculus"
		/mol-type="genomic DNA"

```

gene      984..>997
mRNA      984..>997
CDS       995..>997

/db-xref="taxon:10090"
/chromosome="10"
/map="50 cM"
/gene="Nr1h4"
/note="synonym: Fxr"
/gene="Nr1h4"
/product="nuclear receptor
subfamily 1 group H member 4"
/gene="Nr1h4"
/note="transcription factor"
/codon-start=1
/product="nuclear receptor
subfamily 1 group H member 4"
/protein-id="AAQ73844.1"
/db-xref="GI:34500698"
/translation="M"

```

SEQUENCE (SEQ):

```

1 ttctctatgt agacctagct gtcctaaaac tcactctata gaccaggcat gctatgaaca
61 catggaaatc ctctgtctct gcctcctaag tgctaggatt aaaggtgtat gccaccacca
121 cactggatca atccttttta taaaaaaatg agaaaataaa ggcagaaaat tagcctatgt
181 acgtgttcat tgtccataga gctttagatg attaagaaag attggattta ttaaatttat
241 ttattttggg ttgactact gtgcctgaat atcaaagctg cacggcttaa acaacaaaat
301 gtattgactt agaattctga aggttagaag tctaaaatca gaaagattgg ctctctctga
361 gactcccagg aaggaatcct tctagatcct tctgtttgtc atatcaaagc catgtcttgc
421 ctcttttact cattttccat ccacagggtc tgctctctct ctctctctct ctctctctct
481 ctctctctcc tcctgtcata aggacatgag ccatagtggg attgctaaat aagggtcactg
541 taaggctcct ggggctagga ttcaacata tgaactggag tatgggccgg acaattcttc
601 ccatattact agatacaaac ccatttgtcc aggtctatag taggcttctc aggctaactg
661 tgaagtctta ttctttaatg ctctgtctgt tacaaatgtg ccctagttac aaaggtaaag
721 atccatccgt gtggcatttg acctccagcc agtcttagag gcagggaacg gaaatttacc
781 ctcaaaaaat tcttaggctg ggaaagggtt ccccaaatg tttatctaag acaccagttt
841 ccagcttact aggcattttg gcattgagga cttttctcat aaacatttac aaatattccg
901 ctcagcgatg gggttaatca gtaaacaca ccaacctctg gccctgtctg cttcttacct
961 cggctccttc tcagttgccg tgaggaagct aaggatg

```

L4 ANSWER 205 OF 270 GENBANK.RTM. COPYRIGHT 2004 on STN

```

LOCUS (LOC):      AY366407      GenBank (R)
GenBank ACC. NO. (GBN): AY366407
GenBank VERSION (VER): AY366407.1 GI:34500695
CAS REGISTRY NO. (RN): 586236-72-8
SEQUENCE LENGTH (SQL): 1045
MOLECULE TYPE (CI): DNA; linear
DIVISION CODE (CI): Rodents
DATE (DATE):      13 Sep 2003
DEFINITION (DEF): Mus musculus strain PERA/Ei nuclear receptor subfamily
                    1 group H member 4 (Nr1h4) gene, promoter region and
                    partial cds.
SOURCE:           Mus musculus (house mouse)
ORGANISM (ORGN):  Mus musculus
                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
                  Euteleostomi; Mammalia; Eutheria; Rodentia;
                  Sciurognathi; Muridae; Murinae; Mus
NUCLEIC ACID COUNT (NA): 276 a 253 c 186 g 330 t
REFERENCE:        1 (bases 1 to 1045)
AUTHOR (AU):      Wittenburg,H.; Lyons,M.A.; Li,R.; Churchill,G.A.;
                  Carey,M.C.; Paigen,B.
TITLE (TI):        FXR and ***ABCG5*** / ***ABCG8*** as Determinants
                  of ***Cholesterol*** Gallstone Formation from
                  Quantitative Trait Locus Mapping in Mice
JOURNAL (SO):      Gastroenterology (2003) In press
REFERENCE:        2 (bases 1 to 1045)
AUTHOR (AU):      Wittenburg,H.; Lyons,M.A.; Paigen,B.; Carey,M.C.
TITLE (TI):        Direct Submission
JOURNAL (SO):      Submitted (12-AUG-2003) Department of Medicine II,
                  University of Leipzig, Philipp-Rosenthal-Str. 27,
                  Leipzig 04103, Germany

```

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..1045	/organism="Mus musculus" /mol-type="genomic DNA" /strain="PERA/Ei"

gene	1032...>1045	/chromosome="10"
		/map="50 cM"
		/gene="Nr1h4"
mRNA	1032...>1045	/note="synonym: Fxr"
		/gene="Nr1h4"
		/product="nuclear receptor subfamily 1 group H member 4"
CDS	1043...>1045	/gene="Nr1h4"
		/note="transcription factor"
		/codon-start=1
		/product="nuclear receptor subfamily 1 group H member 4"
		/protein-id="AAQ73843.1"
		/db-xref="GI:34500696"
		/translation="M"

SEQUENCE (SEQ):

```

1  ttctctatgt agacctagct gtcctaaaac tcactctata gaccaggcat gctatgaaca
61 catggaaatc ctctgtctct gcctcctaag tgctaggatt aaagggtgat gccaccacca
121 cactggatca atccctttta taaaaaaatg agaaaataaa ggcagaaaat tagcctatgt
181 acgtgttcac tgtccataga gctttagatg attaagaaag attggattta ttaaatttat
241 ttatttttgt tttgactact gtgcctgaat atcaaagctg cacggcctaa acaacaaaat
301 gtattgactt agaattctga aggttagaag tctaaaatca gaaagattgg ctctctctga
361 gactcccagg aaggaatcct tctagatctt tctgtttgtc atatcaaagc catgtcttgc
421 ctctttactt cattttccat ccacagggtc tgctctctct ctctctctct ctctctctct
481 ctctctctct ctctctctct ctctctctct ctctctctct ctctctctct tctctctctc
541 ctgtcataag gacatgagcc atagtggaa tgcataaataa ggctactgta aggtccttgg
601 ggctaggatt tcaacatatg aactggagta tgggccggac aattcttccc atattactag
661 atacaaaccc atttgtccag gtctatagta ggcttctcag gctaactgtg aagtcttatt
721 ccttaatgct tctgctgtta caaatgtgcc ctagttaaca aggtaaagat ccatccgtgt
781 ggcatttgac ctccagccag tcttagaggc agggaacgga aatttaccct caaaaaattc
841 ttaggctggg aaagggttcc ccaaaatgtt tatctaagac accagtttcc agcttactag
901 gcaatttggc attgaggact tttctcataa acatttataa atattccgct cagcgatggg
961 gttaatcagt aaaccacacc aacctctggc ccctgtcgct tcttacctcg gtccttctc
1021 agttgccgtg aggaagctaa ggatg

```

L4 ANSWER 206 OF 270 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AY360324 GenBank (R)
 GenBank ACC. NO. (GBN): AY360324
 GenBank VERSION (VER): AY360324.1 GI:33860558
 CAS REGISTRY NO. (RN): 573638-17-2
 SEQUENCE LENGTH (SQL): 783
 MOLECULE TYPE (CI): mRNA; linear
 DIVISION CODE (CI): Rodents
 DATE (DATE): 24 Aug 2003
 DEFINITION (DEF): Mus musculus strain I/LnJ nuclear receptor subfamily 0
 group B member 2 (Nr0b2) mRNA, complete cds.
 SOURCE: Mus musculus (house mouse)
 ORGANISM (ORGN): Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
 Euteleostomi; Mammalia; Eutheria; Rodentia;
 Sciurognathi; Muridae; Murinae; Mus
 NUCLEIC ACID COUNT (NA): 140 a 261 c 216 g 166 t
 REFERENCE: 1 (bases 1 to 783)
 AUTHOR (AU): Wittenburg,H.; Lyons,M.A.; Li,R.; Churchill,G.A.;
 Carey,M.C.; Paigen,B.
 TITLE (TI): FXR and ***ABCG5*** / ***ABCG8*** As Determinants
 of ***Cholesterol*** Gallstone Formation From
 Quantitative Trait Locus Mapping in Mice
 JOURNAL (SO): Gastroenterology (2003) In press
 REFERENCE: 2 (bases 1 to 783)
 AUTHOR (AU): Wittenburg,H.; Lyons,M.A.; Paigen,B.; Carey,M.C.
 TITLE (TI): Direct Submission
 JOURNAL (SO): Submitted (04-AUG-2003) Department of Medicine II,
 University of Leipzig, Philipp-Rosenthal-Str. 27,
 Leipzig 04103, Germany

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..783	/organism="Mus musculus"
		/mol-type="mRNA"
		/strain="I/LnJ"
		/db-xref="taxon:10090"

gene 1..783 /map="cm 60"
 CDS 1..783 /gene="Nr0b2"
 /note="synonym: Shp1"
 /gene="Nr0b2"
 /codon-start=1
 /product="nuclear receptor
 subfamily 0 group B member 2"
 /protein-id="AAQ55058.1"
 /db-xref="GI:33860559"
 /translation="MSSGQSGVCPCQGSAGRPTI
 LYALLSPSPRTRPVAPASHSHCLC
 QQRPVRLCAPHRTCREALDVLAKTVAFLRNLP
 FCHLPHEHQRRLLLECCWGPLFLLG
 LAQDAVTFEVAEAPVPSILKKILLEEASSGTQGA
 QPSDRPQPSLAAVQWLQRCLEFW
 SLELGPKEYAYLKGTILFNPDPGLRASCHIAHL
 QQEAHWALCEVLEPWYPASQGRLA
 RILLMASTLKNIPGTLLVDLFFRPIMGDVDITEL
 LEDMLLLR"

SEQUENCE (SEQ):

```

1 atgagctccg gccagtcagg ggtctgcccc tgccagggct ctgcaggctg tccgactatt
61 ctgtatgcac ttctgagccc cagccccagg accaggcccc ttgcacctgc atctcacagc
121 cactgcctgt gccagcagca gcggcctgtg cgtctgtgtg ctccgcaccg cacctgcagg
181 gaggccttgg atgtcctagc caagacagta gccttctctca ggaacctgcc gtccttctgc
241 cacctgcccc atgaggatca gcggcggctg ctagagtgtg gctggggccc tctcttctctg
301 cttgggttgg cccaggatgc tgtgaccttc gaggtggctg aggtctccgtt gccaggtata
361 ctttaagaaga tcctgctaga ggaagccagc agcgggtaccc aggggtgcccc gccatcagac
421 cggccacaac cctcactggc tgcagttcag tggctgcagc gctgcctgga gtctttcttg
481 agccttgagc tgggtcccaa ggagtatgcg tacctgaagg gcacgatcct cttcaaccca
541 gatgtgccag gcctccgtgc ctctgccac atcgcacacc tgcaacagga ggctcactgg
601 gcaactgtgtg aagtcttggg gccctggtac ccagccagcc aaggccgcct ggcccgaatc
661 ctctcatgag cctctaccct caagaacatt ccaggcacc tcttggtaga tctcttcttc
721 cgccctatca tgggagacgt tgacatcact gaactccttg aagacatgct tttgctgagg
781 tga

```

L4 ANSWER 207 OF 270 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AY360323 GenBank (R)
 GenBank ACC. NO. (GBN): AY360323
 GenBank VERSION (VER): AY360323.1 GI:33860556
 CAS REGISTRY NO. (RN): 573638-15-0
 SEQUENCE LENGTH (SQL): 783
 MOLECULE TYPE (CI): mRNA; linear
 DIVISION CODE (CI): Rodents
 DATE (DATE): 24 Aug 2003
 DEFINITION (DEF): Mus musculus strain PERA/Ei nuclear receptor subfamily
 0 group B member 2 (Nr0b2) mRNA, complete cds.
 SOURCE: Mus musculus (house mouse)
 ORGANISM (ORGN): Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
 Euteleostomi; Mammalia; Eutheria; Rodentia;
 Sciurognathi; Muridae; Murinae; Mus
 NUCLEIC ACID COUNT (NA): 140 a 261 c 216 g 166 t
 REFERENCE: 1 (bases 1 to 783)
 AUTHOR (AU): Wittenburg,H.; Lyons,M.A.; Li,R.; Churchill,G.A.;
 Carey,M.C.; Paigen,B.
 TITLE (TI): FXR and ***ABCG5*** / ***ABCG8*** As Determinants
 of ***Cholesterol*** Gallstone Formation From
 Quantitative Trait Locus Mapping in Mice
 JOURNAL (SO): Gastroenterology (2003) In press
 REFERENCE: 2 (bases 1 to 783)
 AUTHOR (AU): Wittenburg,H.; Lyons,M.A.; Paigen,B.; Carey,M.C.
 TITLE (TI): Direct Submission
 JOURNAL (SO): Submitted (04-AUG-2003) Department of Medicine II,
 University of Leipzig, Philipp-Rosenthal-Str. 27,
 Leipzig 04103, Germany

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..783	/organism="Mus musculus" /mol-type="mRNA" /strain="PERA/Ei" /db-xref="taxon:10090"

gene 1..783 /map="CM 60"
 CDS 1..783 /gene="Nr0b2"
 /note="synonym: Shp1"
 /gene="Nr0b2"
 /codon-start=1
 /product="nuclear receptor
 subfamily 0 group B member 2"
 /protein-id="AAQ55057.1"
 /db-xref="GI:33860557"
 /translation="MSSGQSGVCPCQGSAGRPTI
 LYALLSPSPRTRPVAPASHSHCLC
 QQRPVRLCAPHRTCREALDVLAKTVAFLRNLP
 FCHLPHEQRRLLLECCWGFLFLG
 LAQDAVTFEVAEAPVPSILKKILLEEASSGTQGA
 QPSDRPQPSLAQVWLQRCLEFW
 SLELGPKEYAYLKGTILFNPDPGLRASCHIAHL
 QQEAHWALCEVLEPWYPASQGRLA
 RILLMASTLKNIPGTLLVDLFFRPIMGDVDITEL
 LEDMLLLR"

SEQUENCE (SEQ):

```

1 atgagctccg gccagtcagg ggtctgccc tgccagggct ctgcaggctc tccgactatt
61 ctgtatgcac ttctgagccc cagccccagg accaggcccg ttgcacctgc atctcacagc
121 cactgcctgt gccagcagca gcggcctgtg cgtctgtgtg ctccgcaccg cactgcagg
181 gaggccttgg atgtcctagc caagacagta gccttcctca ggaacctgcc gtccttctgc
241 cactgcccc atgaggatca gcggcggctg ctagagtgtg gctggggccc tctcttctg
301 cttgggttgg cccaggatgc tgtgaccttc gaggtggctg aggtcccggt gccagtata
361 cttagaaga tcctgctaga ggaagccagc agcggtagcc aggggtgccc gccatcagac
421 cggccacaac cctcactggc tgcagttcag tggctgcagc gctgcctgga gtctttctgg
481 agccttgagc tgggtcccaa ggagtatgcg tacttgaagg gcacgatcct cttcaaccca
541 gatgtgccag gcctccgtgc ctctgccac atcgcacacc tgcaacagga ggctcactgg
601 gcaactgtgt aagtcttggg gccctggtac ccagccagcc aaggccgcct ggcccgaatc
661 ctctcatggt cctctaccct caagaacatt ccaggcacc ttctggtaga tctcttcttc
721 cgccctatca tgggagacgt tgacatcact gaactccttg aagacatgct tttgctgagg
781 tga

```

L4 ANSWER 208 OF 270 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AY196216 GenBank (R)
 GenBank ACC. NO. (GBN): AY196216
 GenBank VERSION (VER): AY196216.1 GI:31322261
 CAS REGISTRY NO. (RN): 526823-71-2
 SEQUENCE LENGTH (SQL): 2284
 MOLECULE TYPE (CI): mRNA; linear
 DIVISION CODE (CI): Rodents
 DATE (DATE): 1 Jun 2003
 DEFINITION (DEF): Mus musculus strain PERA/Ei ATP-binding cassette
 sub-family G member 8 (***Abcg8***) mRNA, complete
 cds.
 SOURCE: Mus musculus (house mouse)
 ORGANISM (ORGN): Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
 Euteleostomi; Mammalia; Eutheria; Rodentia;
 Sciurognathi; Muridae; Murinae; Mus
 NUCLEIC ACID COUNT (NA): 514 a 676 c 591 g 503 t
 REFERENCE: 1 (bases 1 to 2284)
 AUTHOR (AU): Wittenburg,H.; Lyons,M.A.; Li,R.; Churchill,G.A.;
 Carey,M.C.; Paigen,B.
 TITLE (TI): Primary Roles of FXR and ***ABCG5*** / ***ABCG8***
 in ***cholesterol*** Gallstone Susceptibility:
 Evidence from a Cross of PERA/Ei and I/Ln Inbred Mice
 JOURNAL (SO): Unpublished
 REFERENCE: 2 (bases 1 to 2284)
 AUTHOR (AU): Lyons,M.A.; Wittenburg,H.; Walsh,K.A.; Carey,M.C.;
 Paigen,B.
 TITLE (TI): Direct Submission
 JOURNAL (SO): Submitted (12-DEC-2002) The Jackson Laboratory, 600
 Main Street, Bar Harbor, ME 04609, USA

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..2284	/organism="Mus musculus" /mol-type="mRNA" /strain="PERA/Ei"

gene 1..2284
CDS 102..2120

/chromosome="17"
/map="55 cm"
/sex="male"
/tissue-type="liver"
/gene="Abcg8"
/gene="Abcg8"
/note="ATP-dependent canalicular
cholesterol transporter; white
subfamily"
/codon-start=1
/product="ATP-binding cassette
sub-family G member 8"
/protein-id="AA045096.1"
/db-xref="GI:31322262"
/translation="MAEKTKEETQLWNGTVLQDA
SGLQDSLFSSES DNSLYFTYSGQS
NTLEVRDLTYQVDIASQVPWFEQLAQFKIPWRSH
SSQDSCELGIRNLSFKVRSQMLA
IIGSSGCGRASLLDVITGRGHGGMKSGQIWIN
QPSTPQLVRKCAHVRQHDQLLPN
LTVRETLAFIAQMRLPRTFSQAQRDKRVEDVIAE
LRLRQCANTRVGNTYVRGVSGGER
RRVSIGVQLLWNPGLILDEPTSGLDSFTAHLV
TTLRLAKGNRLVLISLHQPRSDI
FRLFDLVLLMTSGTPIYLGAAQMQVQYFTSIGH
CPRYSNPADFYVDLTSIDRRSKER
EVATVEKAQSLAALFLEKVQGFDDFLWKAEAKEL
NTSTHTVSLTLTQDTCGTAVELP
GMIEQFSTLIRRQISNDFRDLPTLLIHGSEACLM
SLIIGFLYYGHGAKQLSFMDTAAL
LFMIGALIPFNVILDVSKHSERSMLYYELEDG
LYTAGPYFFAKILGELPEHCAYVI
IYAMPIYWLTLNLRVPPELFLHFLLVWLVFCCR
TMLAASAMLPTFHMSSFFCNALY
NSFYLTAGFMINLDNLWIVPAWISKLSFLRWCF
GLMQIQFNGLHYTTQIGNFTFSIL
GDTMISAMDNLNHPYAIYLIVIGISYGFLLFY
LSLKLKQKSIQDW"

SEQUENCE (SEQ):

1	ctggcacaga	ggaggggtca	ggtgccccag	ctctaaggag	caaagacaga	gagagcccaa
61	cagcagggga	ggccacacaa	agggcacaaa	cagcactggt	catggctgag	aaaaccaaa
121	aagagaccca	gctgtggaat	gggactgtac	ttcaggatgc	ttcgggcctc	caggacagct
181	tgttctcctc	ggaaagtgc	aacagtctgt	acttcaccta	cagtggctcag	tccaacactc
241	tggaggtcag	agatctcacc	taccaggtgg	acatcgccctc	tcaggtgcct	tggtttgagc
301	agctggctca	gttcaagata	ccctggaggt	ctcatagcag	ccaagactcc	tgtgagctgg
361	gcatccgaaa	tctaagcttc	aaagtgagga	gtggacagat	gctggccatc	atagggagct
421	caggctgcgg	gagagcctca	ctactcgacg	tgatcacagg	cagaggccac	ggtggcaaga
481	tgaaatcagg	acaaatttgg	ataaatgggc	aaccagctac	gcctcagctg	gtgaggaagt
541	gcgttgcgca	tgtgcggcag	catgaccaac	tgctgcccc	cctgaccgtc	agagagaccc
601	tggctttcat	tgcccagatg	cgcttgcccc	ggaccttctc	ccaggccag	cgtgacaaac
661	gggtggaaga	cgtaatcgcc	gagctgcggc	tgccggcagtg	cgccaacacc	agagtgggca
721	acacgtatgt	acgtgggggtg	tccgggggtg	agcgccgacg	agtgagcatt	ggggtgcagc
781	tcctgtggaa	cccaggaatc	ctcattcttg	atgaaccac	ttctggcctc	gacagcttca
841	cagcccacaa	tctggtgaca	accttgctcc	gcctggccaa	gggcaacagg	ctggtgctca
901	tctccctcca	ccagcctcgc	tctgacatct	tcaggctatt	tgacctggct	cttctgatga
961	catctggcac	ccctatctac	ctgggggctg	cgcagcaaat	ggtgcagtag	ttcacatcca
1021	ttggccaccc	ttgtctctgc	tatagcaacc	ctgcggactt	ctacgtggac	ttgaccagca
1081	tcgacagacg	cagcaaaagaa	cgggaggtgg	ccaccgtgga	gaaggcacag	tctcttgacg
1141	ccctgttcct	agaaaaagta	caaggctttg	atgactttct	gtggaaagct	gaggcaaaag
1201	aactcaacac	aagcaccac	acagtcagcc	tgaccctcac	acaggacact	gactgtggga
1261	ctgctgttga	gctgcccggg	atgatagagc	agttttccac	cctgatccgt	cgtcagattt
1321	ccaatgactt	ccgggacctg	cccacgctgc	tcattcatgg	gtcgggaagc	tgcctgatgt
1381	ccctcatcat	tggcttcctt	tactacggcc	atggggccaa	gcagctctcc	ttcatggaca
1441	cagcagccct	cctcttcctg	ataggggcgc	ctattctctt	caatgtcatc	ctggatgtcg
1501	tctccaaatg	tcactcggag	aggtcaatgc	tgtactatga	gctggaagac	gggctgtaca
1561	ctgctggtcc	ttatttcttt	gccaaagatc	taggagaatt	gccggagcac	tgtgcctacg
1621	tcacatctca	cgcgatgccc	atctactggc	tgacaaacct	gcggcccgtg	cctgagctct
1681	tccttctaca	cttctctgct	gtgtggttgg	tggtcttctg	ctgcaggacc	atggcccttg
1741	ctgcctctgc	catgctgccc	accttccaca	tgtctctctt	cttctgcaat	gccctctaca
1801	actccttcta	ccttactgcc	ggcttcatga	taaaccttga	caacctgtgg	aatgtcctg
1861	catggatctc	caagctgtcg	ttcctccggg	ggtgcttctc	ggggctgatg	cagattcaat
1921	ttaatggaca	cctttacacc	acacaaatcg	gcaacttcac	cttctccatc	ctcggagaca
1981	cgatgatcag	tgccatggac	ctgaactcgc	atccactcta	tgcatctac	ctcattgtca
2041	tcggcatcag	ctacggcttc	ctgttcctgt	actatctatc	cttqaaqctc	atcaaacada

2161 gctggccacc ccaggaggag cgggactggg gacaaggctc acacagatct ctcaggcagc
 2221 agccacctct tagtgctgca gtggcacagg tcagccacag gatggcagta gaataaagac
 2281 agtt

L4 ANSWER 209 OF 270 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AY196215 GenBank (R)
 GenBank ACC. NO. (GBN): AY196215
 GenBank VERSION (VER): AY196215.1 GI:31322259
 CAS REGISTRY NO. (RN): 526823-70-1
 SEQUENCE LENGTH (SQL): 2285
 MOLECULE TYPE (CI): mRNA; linear
 DIVISION CODE (CI): Rodents
 DATE (DATE): 1 Jun 2003
 DEFINITION (DEF): Mus musculus strain I/LnJ ATP-binding cassette
 sub-family G member 8 (***Abcg8***) mRNA, complete
 cds.
 SOURCE: Mus musculus (house mouse)
 ORGANISM (ORGN): Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
 Euteleostomi; Mammalia; Eutheria; Rodentia;
 Sciurognathi; Muridae; Murinae; Mus
 NUCLEIC ACID COUNT (NA): 518 a 679 c 591 g 497 t
 REFERENCE: 1 (bases 1 to 2285)
 AUTHOR (AU): Wittenburg,H.; Lyons,M.A.; Li,R.; Churchill,G.A.;
 Carey,M.C.; Paigen,B.
 TITLE (TI): Primary Roles of FXR and ***ABCG5*** / ***ABCG8***
 in ***Cholesterol*** Gallstone Susceptibility:
 Evidence from a Cross of PERA/Ei and I/Ln Inbred Mice
 Unpublished
 JOURNAL (SO):
 REFERENCE: 2 (bases 1 to 2285)
 AUTHOR (AU): Lyons,M.A.; Wittenburg,H.; Walsh,K.A.; Carey,M.C.;
 Paigen,B.
 TITLE (TI): Direct Submission
 JOURNAL (SO): Submitted (12-DEC-2002) The Jackson Laboratory, 600
 Main Street, Bar Harbor, ME 04609, USA

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..2285	/organism="Mus musculus" /mol-type="mRNA" /strain="I/LnJ" /db-xref="taxon:10090" /chromosome="17" /map="55 cM" /sex="male"
gene	1..2285	/tissue-type="liver" /gene="Abcg8"
CDS	102..2120	/gene="Abcg8" /note="ATP-dependent canalicular cholesterol transporter; white subfamily" /codon-start=1 /product="ATP-binding cassette sub-family G member 8" /protein-id="AA045095.1" /db-xref="GI:31322260" /translation="MAEKTKEETQLWNGTVLQDA SGLQDSLFSSES DNSLYFTYSGQS NTLEVRDLTYQVDIASQVPWFELAQFKIPWRSH SSQDSCELGIRNLSFKVRSGQMLA IIGSSGCGRASLLDVITGRGHGGKMKSGQIWIN QPSTPQLVRKCVAVHRQHDQLLPN LTVRETAFIAQMRLPRTFSQAQRDKRVEDVIAE LRLRQCANTRVGNTYVRGVSGGER RRVSIGVQLLWNPGLILDEPTSGLDSFTAHLV TTLSRLAKGNRLVLISLHQPRSDI FRLFDLVLLMTSGTPIYLGAQQMVQYFTSIGH CPRYSNPADFYVDLTSIDRRSKER EVATVEKAQSLAALFLEKVQGFDDFLWKAEAKEL NTSTHTVSLTLTQDTCGTAAELP GMIEQFSTLIRRQISNDFRDLPTLLIHGSEACLM SLIIGFLYYGHGAKQLSFMDTAAL LFMIGALIPFNVILDVVSCHSERSMLYYELEDG

IYAMPIYWLTNLRPVPELFLHLLLVWLVVFCCR
 TMLAASAMLPTFHMSSFFCNALY
 NSFYLTAGFMINLDNLWIVPAWISKLSFLRWCF5
 GLMQIQFNHLYTTQIGNFTFSIL
 GDTMISAMDLSHPLYAIYLIVIGISYGFLLFY
 LSLKLIKQKSIQDW"

SEQUENCE (SEQ):

```

1 ctggcacaga ggaggggtca ggtgccccag ctctaaggag caaagacaga gagagcccaa
61 cagcagggga ggccacacaa agggcacaaa cagcactggg catggctgag aaaaccaaag
121 aagagaccca gctgtggaat gggactgtac ttcaggatgc ttcgggcctc caggacagct
181 tgttctcctc ggaaagtgac aacagtctgt acttcacctc cagcggtcag tccaacactc
241 tggagggtcag agatctcacc taccagggtg acatcgctc tcagggtgct tgggttgagc
301 agctggctca gttcaagata ccctggaggt ctcatagcag ccaagactcc tgtgagctgg
361 gcatccgaaa tctaagcttc aaagtgagga gtggacagat gctggccatc ataggagagct
421 caggctgctg gagagcctca ctactcgacg tgatcacagg cagaggccac ggtggcaaga
481 tgaatcagg acaaatttgg ataaacgggc aaccagtag gcctcagctg gtgaggaagt
541 gcgttgcgca tgtgcggcag catgaccaac tgcctgcccc cctgaccgtc agagagaccc
601 tggctttcat tgcccagatg cgctgcccc ggaccttctc ccaggcccag cgtgacaaac
661 ggggtggaaga cgtaatcgcc gagctgcggc tgcggcagtg cgccaacacc agagtgggca
721 acacgtatgt acgtggggtg tccgggggtg agcggcgacg agtgagcatt ggggtgcagc
781 tcctgtggaa cccaggaatc ctcatcttgg atgaaccac ttctggcctc gacagcttca
841 cagcccacaa cctggtgaca acctgttccc gcctggccaa gggcaacagg ctggtgctca
901 tctccctcca ccagcctcgc tctgacctct tcaggctatt tgacctggtc cttctgatga
961 catctggcac ccctatctac ctgggggctg cgagcaaat ggtgcagtag ttcacatcca
1021 ttggccaccc ttgtctcgc tatagcaacc ctgcagactt ctactgggac ttgaccagca
1081 tcgacagacg cagcaaagaa cgggaggtgg ccaccgtgga gaaggcacag tctcttgagc
1141 ccctgttctc agaaaaagtg caaggctttg atgactttct gtggaaagct gaggcaaagg
1201 aactcaacac aagcaccac acagtcagcc tgaccctcac acaggacact gactgtggga
1261 ctgctgctga gctgcccggg atgatagagc agttttccac cctgatccgt cgtcagattt
1321 ccaatgactt ccgggacctg cccacgtgct tcattcatgg gtcggaagcc tgcctgatgt
1381 cctcatcatc cggcttctct tactacggcc atggggccaa gcagctctcc ttcattggaca
1441 cggcagccct cctcttcatg ataggggctg tcattccttt caatgtcatc ctggatgtcg
1501 tctccaaatg tctactcgag aggtcaatgc tgtactatga gctggaagac gggctgtaca
1561 ctgctggtcc ttatttcttt gccaaagatcc taggagaatt gccggagcac tgtgcctacg
1621 tcatcatcta cgcgatgccc atctactggc tgacaaacct gcggcccgct cctgagctct
1681 tcttcttaca cttactgctt gtgtggttgg tggcttctct ctgcaggacc atggccctgg
1741 ctgcctctgc catgctgccc acctccaca tgcctctctt cttctgcaat gccctctaca
1801 actccttcta ccttaccgcc ggcttcatga taaacttgga caacctgtgg atagtgcctg
1861 catggatata caagctgtcg ttcctccggt ggtgcttctc ggggctgatg cagattcaat
1921 ttaatggaca cctttacacc acacaaatcg gcaacttcac cttctccatc ctcggagaca
1981 cgatgatcag tgccatggac ctgaactcgc atccactcta tgcgatctac ctcattgtca
2041 tcggcatcag ctacggcttc ctgttctctg actatctatc cttgaagctc atcaaacaga
2101 agtcaattca agactggtga tactcagcct tgctctcact ggcgggaccc tttcccgggg
2161 ctggccaccc caggaggagc cggactgggg acaaggctca cacagatctc tcaggcagca
2221 gccacctctt agtgctgcag tggcacaggt cagccacagg atggcagtaa aataaaagac
2281 agtta

```

L4 ANSWER 210 OF 270 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AY195873 GenBank (R)
 GenBank ACC. NO. (GBN): AY195873
 GenBank VERSION (VER): AY195873.1 GI:31322257
 CAS REGISTRY NO. (RN): 526823-69-8
 SEQUENCE LENGTH (SQL): 2351
 MOLECULE TYPE (CI): mRNA; linear
 DIVISION CODE (CI): Rodents
 DATE (DATE): 1 Jun 2003
 DEFINITION (DEF): Mus musculus strain PERA/Ei ATP-binding cassette
 sub-family G member 5 (***Abcg5***) mRNA, complete
 cds.
 SOURCE: Mus musculus (house mouse)
 ORGANISM (ORGN): Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
 Euteleostomi; Mammalia; Eutheria; Rodentia;
 Sciurognathi; Muridae; Murinae; Mus
 NUCLEIC ACID COUNT (NA): 569 a 605 c 594 g 583 t
 REFERENCE: 1 (bases 1 to 2351)
 AUTHOR (AU): Wittenburg,H.; Lyons,M.A.; Li,R.; Churchill,G.A.;
 Carey,M.C.; Paigen,B.
 TITLE (TI): Primary Roles of FXR and ***ABCG5*** / ***ABCG8***
 in ***Cholesterol*** Gallstone Susceptibility:
 Evidence from a Cross of PERA/Ei and I/Ln Inbred Mice
 Unpublished
 JOURNAL (SO):
 REFERENCE: 2 (bases 1 to 2351)

Paigen, B.
 TITLE (TI): Direct Submission
 JOURNAL (SO): Submitted (11-DEC-2002) The Jackson Laboratory, 600
 Main Street, Bar Harbor, ME 04609, USA

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..2351	/organism="Mus musculus" /mol-type="mRNA" /strain="PERA/Ei" /db-xref="taxon:10090" /chromosome="17" /map="55 cm" /sex="male" /tissue-type="liver"
gene	1..2351	/gene="Abcg5"
CDS	139..2097	/gene="Abcg5" /note="ATP-dependent canalicular cholesterol transporter; white subfamily" /codon-start=1 /product="ATP-binding cassette sub-family G member 5" /protein-id="AA045094.1" /db-xref="GI:31322258" /translation="MGELPFLSPEGARGPHINRG SLSSLEQGSVTGTGEARHSLGVLHV SYSVSNRVGPWWNIKSCQKQWDRQILKDVSLYIE SGQIMCILGSSGSGKTTLLDAISG RLRRTGTLEGEVFNVCCELRRDQFQDCFSYVLQS DVFLSSLTVRETLRYTAMLALCRS SADFYNKKVEAVMTELSLSHVADQMIGSYNFGGI SSGERRRVSIAAQLLDPKVMMLD EPTTGLDCMTANQIVLLLAELARRDRIVIVTIHQ PRSELFQHFDKIAILTYGELVFCG TPEEMLGFFNCCGYPCPEHSNPFDFYMDLTSVD QSREREIETYKRVQMLECAFKESD IYHKILENIERARYLKTLPVPFKTKDPPGMFGK LGVLLRRVTRNLMRNKQAVIMRLV QNLIMGLFLIFYLLRVQNNLTGKAVQDRVGLLYQ LVGATPYTGMLNAVNLFPMLRAVS DQESQDGLYHKWQMLLAYVLHVLPFSVIATVIFS SVCYWTGLGYPEVARFGYFSAALL APHLIGEFLTLVLLGIVQNPINIVNSIVALLSISG LLIGSGFIRNIQEMPIPLKILGYF TFQKYCCEILVVNEFYGLNFTCGGSNTSMLNHMP CAITQGVQFIEKTCPGATSRTAN FLILYGFIPALVILGIVIFKVRDYLISR"

SEQUENCE (SEQ):

```

1 attggtgaac tggtatctca cgaggattcc agggctgggt aggatcggac agggcactcc
61 cattggctcc tcagttaaag ctgccctgga gccggacagg ccactagaaa attcacttgc
121 atttgcttcc tgctagccat ggggtgagctg ccttttctga gtccagaggg agccagaggg
181 cctcacatca acagaggggtc tctgagctcc ctggagcaag gttcgggtcac gggcacagag
241 gctcggcaca gcttaggtgt cctgcatgtg tcctacagcg tcagcaaccg tgtcgggcct
301 tgggtggaaca tcaaactcatg ccagcagaag tgggacaggc aaatcctcaa agatgtctcc
361 ttgtacatcg agagtggcca gattatgtgc atcttaggca gtcaggctc agggaagacc
421 acgctgctgg acgccatctc cgggaggctg cggcgactg ggacctgga aggggaggtg
481 tttgtgaatg gctgcgagct gcgcaggac cagttccaag actgcttct ctacgtcctg
541 cagagcgacg tttttctgag cagcctcact gtgcgcgaga cgttgcgata cacagcgatg
601 ctggccctct gccgcagctc cgcggacttc tacaacaaga aggtagaggc agtcatgaca
661 gagctgagcc tgagccacgt ggcggaccaa atgattggca gctataattt tgggggaatt
721 tccagtggcg agcggcgccg agtttccatc gcagcccaac tccttcagga cccaagggtc
781 atgatgctag atgagccaac cacaggactg gactgcatga ctgcaaatca aattgtcctt
841 ctcttggtcg agctggctcg cagggaccga attgtgattg tcaccatcca ccagcctcgc
901 tctgagctct tccaacactt cgacaaaatt gccatcctga cttacggaga gttggtgttc
961 tgtggcacc cagaggagat gcttggcttc ttcaataact gtggttacct ctgtcctgaa
1021 cattccaatc cctttgattt ctacatggac ttgacatcag tggacacca aagcagagag
1081 cgggaaatag aaacgtacaa gcgagtacag atgctggaat gtgccttcaa ggaatctgac
1141 atctatcaca aaattctgga gaacattgaa agagcacgat acctgaaaac cttaccacag
1201 gttcctttca aaacaaaaga tcctcctggg agtttcggca agcttgggtg cctgctgagg
1261 cgagtaacaa gaaacttaat gaggaataag caggcagtga ttatgcgtct cgttcagaat
1321 ctgatcatgg gcctcttcct cattttctac cttctccgag tccagaacaa cagcgtaaag
1381 ggcqctgtac aagaccacat aagactactc tatcaactta taactaccac cccataacac

```

```

1501 caggatggcc tgtatcataa gtggcagatg ctgctcgctt acgtgctaca cgtcctcccc
1561 ttcagcgtca tcgccacggt catittcagc agtgtgtgtt attggactct gggcttgtat
1621 cctgaagttg ccagatttgg atatttctct gctgctcttt tggccctca ctttaattgga
1681 gaattttctaa cacttgtgct gcttgggtata gtccaaaacc ctaatattgt caacagtata
1741 gtggctctgc tcagcatctc tgggctgctt attggatctg gatttatcag aaacatacaa
1801 gaaatgcccc ttcctttaaa aatcctgggt tatittacat tccaaaaata ctgttgtgag
1861 attctcgtgg tcaatgagtt ttacggcctg aacttcactt gtggtggatc caacacctct
1921 atgctaaatc acccgatgtg cgccatcacc caaggggtcc agttcatcga gaaaacctgc
1981 ccaggtgcta catccagatt cacggcaaac ttcctcatct tatatgggtt tatcccagct
2041 ctggtcatcc taggaatagt gatittttaa gtcagggact acctgattag cagatagtta
2101 agatgacagg caggaaaggg ttaatgggca ggcacgcca ctgtggagca cagagaagta
2161 ctgtcttcaa ccatcaggat tccatctgcg acccttgtgt ctgacccttg tgtctatccg
2221 gagccccaag ggcaacgaga actcacagcg ctctgtatt ccagcttgtg gggcaatgtg
2281 gtgcttggac attgtgactg aactgggtcca ataatgtaaa taataataat tcataaacct
2341 acaggacatt a

```

L4 ANSWER 211 OF 270 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AY195872 GenBank (R)
GenBank ACC. NO. (GBN): AY195872
GenBank VERSION (VER): AY195872.1 GI:31322255
CAS REGISTRY NO. (RN): 526823-68-7
SEQUENCE LENGTH (SQL): 2351
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Rodents
DATE (DATE): 1 Jun 2003
DEFINITION (DEF): Mus musculus strain I/LnJ ATP-binding cassette
sub-family G member 5 (***Abcg5***) mRNA, complete
cds.
SOURCE: Mus musculus (house mouse)
ORGANISM (ORGN): Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Euteleostomi; Mammalia; Eutheria; Rodentia;
Sciurognathi; Muridae; Murinae; Mus
NUCLEIC ACID COUNT (NA): 577 a 598 c 590 g 586 t
REFERENCE: 1 (bases 1 to 2351)
AUTHOR (AU): Wittenburg,H.; Lyons,M.A.; Li,R.; Churchill,G.A.;
Carey,M.C.; Paigen,B.
TITLE (TI): Primary Roles of FXR and ***ABCG5*** / ***ABCG8***
in ***Cholesterol*** Gallstone Susceptibility:
Evidence from a Cross of PERA/Ei and I/Ln Inbred Mice
Unpublished
JOURNAL (SO):
REFERENCE: 2 (bases 1 to 2351)
AUTHOR (AU): Lyons,M.A.; Wittenburg,H.; Walsh,K.A.; Carey,M.C.;
Paigen,B.
TITLE (TI): Direct Submission
JOURNAL (SO): Submitted (11-DEC-2002) The Jackson Laboratory, 600
Main Street, Bar Harbor, ME 04609, USA

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..2351	/organism="Mus musculus" /mol-type="mRNA" /strain="I/LnJ" /db-xref="taxon:10090" /chromosome="17" /map="55 cM" /sex="male"
gene	1..2351	/tissue-type="liver"
CDS	139..2097	/gene="Abcg5" /gene="Abcg5" /note="ATP-dependent canalicular cholesterol transporter; white subfamily" /codon-start=1 /product="ATP-binding cassette sub-family G member 5" /protein-id="AA045093.1" /db-xref="GI:31322256" /translation="MGELPFLSPEGARGPHINRG SLSSLEQGSVTGTEARHSLGVLHV SYSVSNRVGPWWNIKSCQKQWDRQILKDVSLYIE SGQIMCILGSSGSGKTTLLDAISG RLRCTGTLEGDVFNVCCELRRDOFODCFSYVIQS

SADFYNKKVEAVMTELSLSHVADQVIGSYNFGGI
SSGERRRVISIAAQLQDPKVMMLD
EPTTGLDCMTANQIVLLLAELARRDRIVIVTIHQ
PRSELFQHFDKIAILTYGELVFCG
TPEEMLGFFNNGCYPCEHSNPFDFYMDLTSVDT
QSREREIETYKRVQMLESAFKESD
IYHKILENIERARYLKTLPTVPFKTKDPPGMFGK
LGVLLRRVTRNLMRNKQAVIMRLV
QNLIMGLFLIFYLLRVQNTLKGAVQDRVGLLYQ
FVGATPYTGMLNAVNLFPMRAVS
DQESQDGLYHKWQMLLAYVLHALPFSIIATVIFS
SVCYWTGLYPEVARFGYFSAALL
APHLIGEFLTLVLLGIVQNPNIIVNSIVALLSISG
LLIGSGFIRNIQEMPIPLKILGYF
TFQKYCCEILVVNEFYGLNFTCGESNTTMLNHMP
CAITQGVFIEKTCPGATSRFTAN
FLILYGFIPALVILGIVIFKVRDYLISR"

SEQUENCE (SEQ):

```

1 atttgtgaac tgttatctca cgaggattcc agggctgggt aggatcggac agggcactcc
61 cattggctcc tcagttaaag ctgccctgga gccggacagg ccactagaaa attcacttgc
121 atttgcttcc tgctagccat gggtagctg ccctttctga gtccagaggg agccagaggg
181 cctcacatca acagaggggtc tctgagctcc ctggagcaag gtccggtcac gggcacggag
241 gctcggcaca gcttaggtgt cctgcatgtg tcctacagcg tcagcaaccg tgtcgggcct
301 tgggtggaaca tcaaatcatg ccagcagaag tgggacaggc aaatcctcaa agatgtctcc
361 ttgtacatcg agagtggcca gattatgtgc atcttaggca gctcaggctc aggggaagacc
421 acgctgctgg acgccatctc cgggaggctg cgggtgactg ggaccctgga aggggacgtg
481 tttgtgaatg gctgcgagct gcgcaggggac cagtccaag actgcttctc ctacgtcctg
541 cagagcgacg tttttctgag cagcctcact gtgcgcgaga cgttgcgata cacagcgatg
601 ctggccctct gccgcagctc cgcggacttc tacaacaaga aggtagaggc agtcatgaca
661 gagctgagcc tgagccacgt ggcagaccaa gtgattggca gctataattt tgggggaatt
721 tccagtggcg agcggcgccg agtttccatc gcagcccaac tccttcagga cccaaggtc
781 atgatgctag atgagccaac cacaggactg gactgcatga ctgcaaatca aattgtcctt
841 ctcttggtcg agctggctcg cagggaccga attgtgattg tcaccatcca ccagcctcgc
901 tctgagctct tccaacactt cgacaaaatt gccatcctga cttacggaga gttgggtgtt
961 tgtggcacc cagaggagat gcttggtatc ttcaataact gtggttacct ctgtcctgaa
1021 cattccaatc cctttgattt ctacatggac ttgacatcag tggacaccca aagcagagag
1081 cgggaaatag aaacatacaa gcgagtacag atgctggaat ctgccttcaa ggaatctgac
1141 atctatcaca aaattctgga gaacattgaa agagcacgat acctgaaaac cttaccacg
1201 gttcctttta aaacaaaaga tcctcctggg atgttcggca agcttggtgt cctgctgagg
1261 cgagtaacaa gaaacttaat gaggaataag cagggcagtga ttatgcgtct cgttcagaat
1321 ctgatcatgg gcctcttctc cattttctat ctctccgag tccagaacaa cagcctaagg
1381 ggtgctgtgc aggaccgcgt ggggctgctc tatcagtttg tgggtgccac cccatacacc
1441 ggcagtctca atgctgtgaa tctgtttccc atgctgagag ccgtcagcga ccaggagagt
1501 caggatggcc tgtatcataa gtggcagatg ctgctcgctt acgtgctaca cgccctcccc
1561 ttcagcatca tcgccacggt gatcttcagc agtgtgtgtt attggactct gggcttgat
1621 cctgaagttg ccagatttgg atatttctct gctgctcttt tggccctca cttaatgga
1681 gaatttctaa cactgtgtct acttggtata gtccaaaacc ctaattattg caacagtata
1741 gtggctctgc tcagcatctc tggactgctt attggatctg gatttatcag aaacatacaa
1801 gaaatgccta ttccttttaa aatcctgggt tatttacat tccaaaataa ctgttgtgag
1861 attctcgtgg tcaatgagtt ttacggcctg aacttcactt gtggtgaatc caacaccact
1921 atgctaaatc acccgatgtg cgccatcacc caaggggtcg agttcatcga gaaaacctgc
1981 ccagggtgcta catccagatt cacggcaaac ttcctcatct tatatgggtt tatcccagct
2041 ctggtcatcc taggaatagt gattttttaa gtcagggact acctgattag cagatagtta
2101 agatgacagg caggaaaggg ttaatgggca ggcacgcca ctgtggagca cagagaagta
2161 ctgtcttcaa ccatcaggat tccatctgtg acccttgtgt ctgacccttg tgtctatccg
2221 gagccccaag ggcaacgaga actcagagcc ctctgtatt ccagcttggt gggcaatgcg
2281 gtgcttagac attgtgactg aactggtcca ataatgtaaa taataataat tcataaacct
2341 acaggacatt a

```

L4 ANSWER 212 OF 270 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AF312715 GenBank (R)
GenBank ACC. NO. (GBN): AF312715
GenBank VERSION (VER): AF312715.2 GI:14423628
CAS REGISTRY NO. (RN): 316785-98-5
SEQUENCE LENGTH (SQL): 2740
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Primates
DATE (DATE): 14 Jun 2001
DEFINITION (DEF): Homo sapiens sterolin (***ABCG5***) mRNA, complete cds.
SOURCE: human.
ORGANISM (ORGN): Homo sapiens
Eukaryota: Metazoa: Chordata: Craniata: Vertebrata:

Hominidae; Homo

NUCLEIC ACID COUNT (NA): 669 a 670 c 702 g 699 t

COMMENT:

On Jun 14, 2001 this sequence version replaced gi:12382303.

REFERENCE:

1 (bases 1 to 2740)

AUTHOR (AU):

Lee,M.H.; Lu,K.; Hazard,S.; Yu,H.; Shulenin,S.;
Hidaka,H.; Kojima,H.; Allikmets,R.; Sakuma,N.;
Pegoraro,R.; Srivastava,A.K.; Salen,G.; Dean,M.;
Patel,S.B.

TITLE (TI):

Identification of a gene, ***ABCG5***, important in
the regulation of dietary ***cholesterol***
absorption

JOURNAL (SO):

Nat. Genet., 27 (1), 79-83 (2001)

OTHER SOURCE (OS):

CA 135:106011

REFERENCE:

2 (bases 1 to 2740)

AUTHOR (AU):

Lu,K.; Lee,M.-H.; Patel,S.B.

TITLE (TI):

Direct Submission

JOURNAL (SO):

Submitted (12-OCT-2000) Division of Endocrinology,
Diabetes and Medical Genetics, Medical University of
South Carolina, 114 Doughty St, STB541, Charleston, SC
29403, USA

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..2740	/organism="Homo sapiens" /db-xref="taxon:9606" /chromosome="2" /map="2p21; between D2S2294 and D2S2298" /tissue-type="liver"
gene	1..2740	/gene="ABCG5"
CDS	141..2096	/gene="ABCG5" /codon-start=1 /product="sterolin" /protein-id="AAG53099.1" /db-xref="GI:12382304" /translation="MGDLSSLTPGGSMGLQVNRG SQSSLEGAPATAPEPHSLGILHAS YSVSHRVRPWWDITSCRQWTRQILKDVSLYVES GQIMCILGSSGSGKTTLLDAMSGR LGRAGTFLGEVYVNGRALRREQFQDCFSYVLQSD TLLSSLTVRETLHYTALLAIRRGN PGSFQKKVEAVMAELSLSHVADRLIGNYSLGGIS TGERRRVSIAAQLLQDPKVMFLFDE PTTGLDCMTANQIVVLLVELARRNRIVVLTIIHQ RSELFQLFDKIAILSFGELIFCGT PAEMLDFFNDGYPCEHSNPFDFYMDLTSVDTQ SKEREIETSKRVQMIESAYKKS CHKTLKNIERMKHLKTLPMVPFKTKDSPGVFSKL GVLLRRVTRNLVRNKLAVITRLLQ NLIMGLFLLFFVLRVRSNVLKGAIQDRVGLLYQF VGATPYTGMLNAVNLFVLRVAVSD QESQDGLYQKWQMMMLAYALHVL PFSVATMIFSS VCYWTGLGLHPEVARFGYFSAALLA PHLIGEFLLVLLGIVQNPINVSVALLSIAGV LVGSGFLRNIQEMPIPKIISYFT FQKYCSEILVVNEFYGLNFTCGSSNVSVTTNPMC AFTQGIQFIEKTCPGATSRFTMNF LILYSFIPALVILGIVVFKIRDHLISR"

SEQUENCE (SEQ):

```
1 aagtcccagt cctgctgtcc caagggactc cggggtcagg tggagcaggc agggcagtct
61 gccacgggct ccccaactga agccactctg gggagggtcc ggccaccaga aaatttgccc
121 agctttgctg cctgttggcc atgggtgacc tctcatcttt gacccccgga ggggtccatgg
181 gtctccaagt aaacagaggc tcccagagct ccttgagggg ggctcctgcc accgccccgg
241 agcctcacag cctgggcatc ctccatgcct cctacagcgt cagccaccgc gtgaggccct
301 ggtgggacat cacatcttgc cggcagcagt ggaccaggca gatcctcaaa gatgtctcct
361 tgtacgtgga gagcgggcag atcatgtgca tcctaggaag ctacaggctcc gggaaaacca
421 cgctgctgga cgccatgtcc gggaggctgg ggcgcgcggg gaccttcctg ggggaggtgt
481 atgtgaacgg ccgggcgctg cgccgggagc agttccagga ctgcttctcc tacgtcctgc
541 agagcgacac cctgctgagc agcctcaccg tgcgcgagac gctgcactac accgcgctgc
601 tggccatccg ccgcggcaat cccggctcct tccagaagaa ggtggaggcc gtcatggcag
661 agctgagtct gagccatgtg gcagaccgac tgattggcaa ctacagcttg gggggcattt
721 ccacaaatqa qcqacqcaa atctccatca caaccaact actccaaat cctaaatca
```

```

841 tcctgggtgga actggctcgc aggaaccgaa ttgtggttct caccattcac cagccccgtt
901 ctgagctttt tcagctcttt gacaaaattg ccatacctgag cttcggagag ctgattttct
961 gtggcacgcc agcggaatg cttgatttct tcaatgactg cggttaccct tgcctgaac
1021 attcaaacc ttttgacttc tatatggacc tgacgtcagt ggatacccaa agcaaggaac
1081 gggaaataga aacctccaag agagtccaga tgatagaatc tgcctacaag aaatcagcaa
1141 tttgtcataa aactttgaag aatatgaaa gaatgaaaca cctgaaaacg ttaccaatgg
1201 ttcctttcaa aaccaaagat tctcctggag ttttctctaa actgggtgtt ctcctgagga
1261 gagtgcagaag aaacttggtg agaaataagc tggcagtgat tacgcgtctc cttcagaatc
1321 tgatcatggg tttgttcctc ctttctctcg ttctgcgggt ccgaagcaat gtgctaaagg
1381 gtgctatcca ggaccgcgta ggtctccttt accagtttgt gggcgccacc ccgtacacag
1441 gcatgctgaa cgctgtgaat ctgtttcccg tgctgcgagc tgcagcgcac caggagagtc
1501 aggacggcct ctaccagaag tggcagatga tgctggccta tgcactgcac gtcctccctc
1561 tcagcgttgt tgccaccatg attttcagca gtgtgtgcta ctggacgtg ggcttacatc
1621 ctgaggttgc ccgatttggg tatttttctg ctgctctctt ggccccccac ttaattggtg
1681 aatttctaac tcttgtgcta cttggtatcg tccaaaatcc aaatatagtc aacagtgtag
1741 tggctctgct gtccattgcg ggggtgcttg ttggatctgg attcctcaga aacatacaag
1801 aaatgcccc tccttttaaa atcatcagtt attttacatt ccaaaaatat tgcagtgaga
1861 tcttgtagat caatgagttc tacggactga atttcacttg tggcagctca aatgtttctg
1921 tgacaactaa tccaatgtgt gccttcactc aagggaattca attcattgag aaaacctgcc
1981 cagggtgcaac atctagattc acaatgaact ttctgatttt gtattcattt attccagctc
2041 ttgtcatcct aggaatagtt gttttcaaaa taagggatca tctcattagc aggtagtga
2101 agccatggct gggaaaatgg aagtgaagct gccgactgtg catgactgct ctgaacgtct
2161 gaaatgagag tgccatgtat ttctttcttg acaggacatc tcaagtcttt taaccattaa
2221 gactccattt gtgctcttg gatccaagca ggccttgaat gcaatggaag tggtttatag
2281 tcccttgctc ttacaacttg cagggacatg tggttatttg gaaattgtga ctgagcggac
2341 ccaagaatgt aaataatatt cataaaccta tgggagactc gtgtgactat ttttttctc
2401 tgttctaggg acagaaaaaa ataggtcagc ttaaaaatat gtttacattg gataaaggat
2461 taggcaaaaa taaatgttt caaggattcc tgaccataag tgacagagaa agagagttgt
2521 gggtttagat gaagcaaggt tatcatgcag aattgggtaa gaatgttctt gttcctggaa
2581 gaccagagat taaatgcaga tgtccacacg aggggtcgga gttacctgat cacatcgaga
2641 gagtgtggg cagatggatg gtgagcacca ctgctacaga gcacccagtg attttactga
2701 ggattaaaaa aaaaaaccgt aggaatgggc tcaacagtga

```

L4 ANSWER 213 OF 270 GENBANK.RTM. COPYRIGHT 2004 on STN

```

LOCUS (LOC): AF312714 GenBank (R)
GenBank ACC. NO. (GBN): AF312714
GenBank VERSION (VER): AF312714.3 GI:22477143
CAS REGISTRY NO. (RN): 316785-97-4
SEQUENCE LENGTH (SQL): 2470
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Rodents
DATE (DATE): 26 Aug 2002
DEFINITION (DEF): Rattus norvegicus sterolin ( ***Abcg5*** ) mRNA,
complete cds.
SOURCE: Norway rat.
ORGANISM (ORGN): Rattus norvegicus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Euteleostomi; Mammalia; Eutheria; Rodentia;
Sciurognathi; Muridae; Murinae; Rattus
NUCLEIC ACID COUNT (NA): 609 a 631 c 623 g 607 t
COMMENT:
On Aug 26, 2002 this sequence version replaced gi:14091945.
REFERENCE: 1 (bases 1 to 2470)
AUTHOR (AU): Lee,M.H.; Lu,K.; Hazard,S.; Yu,H.; Shulenin,S.;
Hidaka,H.; Kojima,H.; Allikmets,R.; Sakuma,N.;
Pegoraro,R.; Srivastava,A.K.; Salen,G.; Dean,M.;
Patel,S.B.
TITLE (TI): Identification of a gene, ***ABCG5***, important in
the regulation of dietary ***cholesterol***
absorption
JOURNAL (SO): Nat. Genet., 27 (1), 79-83 (2001)
OTHER SOURCE (OS): CA 135:106011
REFERENCE: 2 (bases 1 to 2470)
AUTHOR (AU): Lu,K.; Lee,M.-H.; Patel,S.B.
TITLE (TI): Direct Submission
JOURNAL (SO): Submitted (12-OCT-2000) Division of Endocrinology,
Diabetes and Medical Genetics, Medical University of
South Carolina, 114 Doughty St, STB 541, Charleston, SC
29403, USA
REFERENCE: 3 (bases 1 to 2470)
AUTHOR (AU): Lu,K.; Lee,M.-H.; Patel,S.B.
TITLE (TI): Direct Submission
JOURNAL (SO): Submitted (16-MAY-2001) Division of Endocrinology,
Diabetes and Medical Genetics. Medical University of

```

REFERENCE: 29403, USA
 4 (bases 1 to 2470)
 AUTHOR (AU): Lu,K.; Lee,M.; Patel,S.B.
 TITLE (TI): Direct Submission
 JOURNAL (SO): Submitted (26-AUG-2002) Division of Endocrinology,
 Diabetes and Medical Genetics, Medical University of
 South Carolina, 114 Doughty St, STB 541, Charleston, SC
 29403, USA

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..2470	/organism="Rattus norvegicus" /strain="Sprague-Dawley" /db-xref="taxon:10116" /tissue-type="liver"
gene	1..2470	/gene="Abcg5"
CDS	65..2023	/gene="Abcg5" /note="ABCG5" /codon-start=1 /product="sterolin" /protein-id="AAG53098.3" /db-xref="GI:22477144" /translation="MSELPFLSPEGARGPHNNRG SQSSLEEGSVTGSEARHSLGVLNV SFSVSNRVGPWWNIKSCQKQWDRKILKDVSLYIE SGQTMCILGSSGSGKTTLLDAISG RLRRTGTLEGEVFNVCGLRRDQFQDCVSYLLQS DVFLSSLTVRETLRYTAMLALRSS SADFYDKKVEAVLTELSLSHVADQMIGNYNFGGI SSGERRRVSIAAQLLQDPKVMMLD EPTTGLDCMTANHIVLLLVELARRNRIVIVTIHQ PRSELFHHFDKIAILTYGELVFCG TPEEMLGFFNNGCYPCEHSNPFDFYMDLTSVDT QSREREIETYKRVQMLESARQSD ICHKILENIERTRLKLTLPMPVPFKTKNPPGMFCK LGVLLRRVTRNLMRNKQVVMRLV QNLIMGLFLIFYLLRVQNMLKGAVQDRVGLLYQ LVGATPYTGMLNAVNLFPMRLAVS DQESQDGLYQKWQMLLAYVLHALPFSIVATVIFS SVCYWTGLYPEVARFGYFSAALL APHLIGEFLTLVLLGMVQNPNIIVNSIVALLSISG LLIGSGFIRNIEEMPIPLKILGYF TFQKYCCEILVVNEFYGLNFTCGGSNTSVPNNPM CSMTQGIQFIEKTCPGATSRFTTN FLILYSFIPTLVILGMVVKVRDYLISSR"

SEQUENCE (SEQ):

```

1 ttaaagttgc tctgaagcca gacaggacac cagaggattc actcacattt gcttcccgc
61 ggccatgagt gagctgccct ttctgagtc agagggagcc agagggcctc acaacaacag
121 aggggtctcag agctccctgg aggaaggctc agttacaggc tcagaggctc ggcacagctt
181 aggtgtcctg aatgtgtcct tcagcgtcag caaccgtgtc gggccctggt ggaacatcaa
241 atcatgccag cagaagtggg acaggaaaat cctcaaagat gtctccttgt acatcgagag
301 tggccagacc atgtgcatct taggtagctc aggctcaggg aaaaccacgc tgctggacgc
361 catctctggg aggtctgggc gcacaggggac cttggaaggg gaagtgtttg tgaacggctg
421 cgagctgcgc agggaccagt tccaagactg cgtctcctac ctctgcaga gcatgtctt
481 tctgagcagc ctcacggtgc gggagacgct gagatacacg gcatgctgg ctctccgcag
541 cagctccgcg gacttctacg acaagaaggt agaggcagtc ctgacagagc tgagtctgag
601 ccacgtggca gaccaaatga tcggcaacta taattttggg gggatttcca gtggcgagcg
661 ggcgcgagtg tccatcgtag cccaactcct tcaggacccc aaggatcatg tgcttgacga
721 gccaaccaca ggactggact gcatgactgc aaatcatatc gtcctcctct tggtcgagct
781 ggctcgagg aaccgcattg taattgtcac catccaccag cctcgctctg agctcttcca
841 ccacttcgac aaaattgcc a tctgactta cggagagttg gtgttctgtg gcacgccaga
901 ggagatgctc ggcttcttca ataactgtgg ttacccctgt cctgaacatt ccaatccctt
961 tgatttctac atggacttga catcgggtga ccccaaagc agagagcgag agatagagac
1021 gtacaagcga gtccagatgc tggaaatctg cttcaggcaa tcggacatct gtcacaaaat
1081 cctggagaac attgaaagaa caagacacct gaaaacccta cccatggttc ctttcaaaac
1141 gaaaaatcct cccggaatgt tctgcaagct cggcgttctc ctgaggagag taacgagaaa
1201 cctaattgagg aataagcagg tgggtattat gctgttctgt cagaatctga tcatgggtct
1261 gttcctcatt ttctacctc tccgagtcca gaacaacatg ctgaagggcg ctgttcagga
1321 ccgcgtaggg ctgtgtgacc agcttgtggg tgccaccccg tacaccggca tgctcaacgc
1381 tgtgaacctc tttcccatgc tgagagctgt cagcgaccag gagagtcagg atggcctgta
1441 ccagaagtgg cagatgctgc tcgcctatgt gctgcatgct ctccccttca gcatcgttgc
1501 cacggtgatt ttcagcagcg tgtgttactg gactctgggc ttgtatccc aggtcgccag
1561 atttqgatac ttctctqccc ctctgtttgc ccctcactta atttqgatac ttcttaccat

```

```

1681 tatttctggg ttgctcattg gatctggatt tatcagaaac atagaagaaa tgccattcc
1741 tttaaaaatc ctgggttact ttaccttcca aaagtactgt tgtgagattc ttgtggtcaa
1801 tgagttctat ggcctgaact tcacttgtgg tggctccaac acttctgtgc caaataaccc
1861 aatgtgttcc atgacccaag ggatccaatt cattgagaaa acctgccag gggccacgtc
1921 cagattcacg acaaaattcc tgatcttgta ctcgttcac ccgactcttg tcatcctggg
1981 gatggtggtc tttaaagtc gggactacct gattagcaga taggtaagat ggcaggcagg
2041 aaaggggtta tgggcaggct cgcccgctgt ggagtacaga gaaatactgt cttctaata
2101 tcatggttcc atctgtgacc ctggcatcta tgcagagcct caagggctcc gagaactcac
2161 cgtcctttgc tagtcagct tatggggcag tgtggtgcat ggacattgtg actgaactgg
2221 tccaatgatg taaataatac taataataat tcagaaacca aaggacatta gagcttcact
2281 atgcgctttt tctagacaca gaaaaaataa gcctgtttga aaaaattatg tttacatttg
2341 ataaagaatt tgataaaagt acaataaatg tgtatgatta ctgactgttc tgggtttgac
2401 tgagaaagcc tcctacagaa gagggtaagg agcttccact gctgcttacc acccctcccc
2461 caccctgccc

```

L4 ANSWER 214 OF 270 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AF312713 GenBank (R)
GenBank ACC. NO. (GBN): AF312713
GenBank VERSION (VER): AF312713.2 GI:14091944
CAS REGISTRY NO. (RN): 316785-96-3
SEQUENCE LENGTH (SQL): 2354
MOLECULE TYPE (CI): mRNA; linear
DIVISION CODE (CI): Rodents
DATE (DATE): 16 May 2001
DEFINITION (DEF): Mus musculus sterolin (***Abcg5***) mRNA, complete cds.
SOURCE: house mouse.
ORGANISM (ORGN): Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Euteleostomi; Mammalia; Eutheria; Rodentia;
Sciurognathi; Muridae; Murinae; Mus
NUCLEIC ACID COUNT (NA): 573 a 604 c 594 g 583 t
COMMENT:
On May 16, 2001 this sequence version replaced gi:12382299.
REFERENCE: 1 (bases 1 to 2354)
AUTHOR (AU): Lee,M.H.; Lu,K.; Hazard,S.; Yu,H.; Shulenin,S.;
Hidaka,H.; Kojima,H.; Allikmets,R.; Sakuma,N.;
Pegoraro,R.; Srivastava,A.K.; Salen,G.; Dean,M.;
Patel,S.B.
TITLE (TI): Identification of a gene, ***ABCG5***, important in
the regulation of dietary ***cholesterol***
absorption
JOURNAL (SO): Nat. Genet., 27 (1), 79-83 (2001)
OTHER SOURCE (OS): CA 135:106011
REFERENCE: 2 (bases 1 to 2354)
AUTHOR (AU): Lu,K.; Lee,M.-H.; Patel,S.B.
TITLE (TI): Direct Submission
JOURNAL (SO): Submitted (12-OCT-2000) Division of Endocrinology,
Diabetes and Medical Genetics, Medical University of
South Carolina, 114 Doughty St, STB 541, Charleston, SC
29403, USA
REFERENCE: 3 (bases 1 to 2354)
AUTHOR (AU): Lu,K.; Lee,M.-H.; Patel,S.B.
TITLE (TI): Direct Submission
JOURNAL (SO): Submitted (16-MAY-2001) Division of Endocrinology,
Diabetes and Medical Genetics, Medical University of
South Carolina, 114 Doughty St, STB 541, Charleston, SC
29403, USA

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..2354	/organism="Mus musculus" /strain="C57BL/6" /db-xref="taxon:10090" /tissue-type="liver"
gene	1..2354	/gene="Abcg5"
CDS	139..2097	/gene="Abcg5" /note="ABCG5" /codon-start=1 /product="sterolin" /protein-id="AAG53097.1" /db-xref="GI:12382300" /translation="MGELPFLSPEGARGPHINRG"

SYSVSNRVGPWWNIKSCQKQWDRQILKDVSLYIE
 SGQIMCILGSSSGSKTTLLDAISG
 RLRRRTGTLEGEVFNVCCELRRDQFQDCFSYVLQS
 DVFLSSLTVRETLLRYTAMLALCRS
 SADFYNNKKVEAVMTELSLSHVADQMIGSYNFGGI
 SSGERRRVISIAAQLLQDPKVMMLD
 EPTTGLDCMTANQIVLLLAELARRDRIVIVTIHQ
 PRSELFQHFQDKIAILTYGELVFCG
 TPEEMLGFFNNGGYPCPEHSNPFDFYMDLTSVDT
 QSREREIETYKRVQMLECAFKESD
 IYHKILENIERARYLKTLPVPFKTKDPPGMFGK
 LGVLLRRVTRNLMRNKQAVIMRLV
 QNLIMGLFLIFYLLRVQNNTLKAVQDRVGLLYQ
 LVGATPYTGMLNAVNLPMLRAVS
 DQESQDGLYHKWQMLLAYVLHVLPFSVIATVIFS
 SVCYWTGLGYPEVARFGYFSAALL
 APHLIGEFLTLVLLGIVQNPNIIVNSIVALLSISG
 LLIGSGFIRNIQEMPIPLKILGYF
 TFQKYCCEILVVNEFYGLNFTCGGSNTSMLNHPM
 CAITQGVQFIEKTCPGATSRFTAN
 FLILYGFIPALVILGIVIFKVRDYLSR"

SEQUENCE (SEQ):

1	attggtgaac	tggttatctca	cgaggattcc	agggctgggt	aggatcggac	agggcactcc
61	cattggctcc	tcagttaaag	ctgccctgga	gccggacagg	ccactagaaa	attcacttgc
121	atttgcttcc	tgctagccat	gggtgagctg	ccctttctga	gtccagaggg	agccagaggg
181	cctcacatca	acagaggggtc	tctgagctcc	ctggagcaag	gttcgggtcac	gggcacagag
241	gctcggcaca	gcttaggtgt	cctgcatgtg	tcctacagcg	tcagcaaccg	tgctgggcct
301	tggtggaaca	tcaaatcatg	ccagcagaag	tgggacaggc	aaatcctcaa	agatgtctcc
361	ttgtacatcg	agagtggcca	gattatgtgc	attctaggca	gctcaggctc	aggggaagacc
421	acgctgctgg	acgccatctc	cgggaggctg	cggcgactg	ggaccctgga	aggggaggtg
481	tttgtgaatg	gctgagagct	gcgcagggac	cagttccaag	actgcttctc	ctacgtcctg
541	cagagcgacg	tttttctgag	cagcctcact	gtgcgcgaga	cgttgcgata	cacagcgatg
601	ctggccctct	gccgcagctc	cgcggaattc	tacaacaaga	aggtagaggc	agtcatgaca
661	gagctgagcc	tgagccacgt	ggcggaccac	atgattggca	gctataattt	tgggggaatt
721	tccagtggcg	agcggcgccg	agtttccatc	gcagcccaac	tccttcaggga	ccccaaggtc
781	atgatgctag	atgagccaac	cacaggactg	gactgcatga	ctgcaaatca	aattgtcctt
841	ctcttggtcg	agctggctcg	cagggaccga	attgtgattg	tcaccatcca	ccagcctcgc
901	tctgagctct	tccaacactt	cgacaaaatt	gccatcctga	cttacggaga	gttggtgttc
961	tgtggcaccc	cagaggagat	gcttggtctc	ttcaataact	gtggttaccc	ctgtcctgaa
1021	cattccaatc	cccttgattt	ttacatggac	ttgacatcag	tggacacca	aagcagagag
1081	cgggaaatag	aaacgtacaa	gcgagtacag	atgctggaat	gtgccttcaa	ggaatctgac
1141	atctatcaca	aaattctgga	gaacattgaa	agagcacgat	acctgaaaac	cttaccacag
1201	gttcctttca	aaacaaaaga	tcctcctggg	atgttcggca	agcttggtgt	cctgctgagg
1261	cgagtaacaa	gaaacttaat	gaggaataag	caggcagtg	ttatgcgtct	cgttcagaat
1321	ctgatcatgg	gcctcttctc	cattttctac	cttctccgcg	tccagaacaa	cacgctaaag
1381	ggcgtgtg	aggaccgcgt	ggggctgctc	tatcagcttg	tgggtgccac	cccatacacc
1441	ggcatgctca	atgctgtgaa	tctgtttccc	atgctgagag	ccgtcagcga	ccaggagagt
1501	caggatggcc	tgatcataa	gtggcagatg	ctgctcgctc	acgtgctaca	cgctctcccc
1561	ttcagcgtca	tcgccacggt	cattttcagc	agtgtgtgtt	attggactct	gggcttgat
1621	cctgaagttg	ccagatttgg	atatttctct	gctgctcttt	tggccctcca	cttaattgga
1681	gaatttctaa	cacttgtgct	gcttgggtata	gtccaaaacc	ctaataattgt	caacagtata
1741	gtggctctgc	tcagcatctc	tgggtgctct	attggatctg	gatttatcag	aaacatacaa
1801	gaaatgcccc	ttcctttaaa	aatcctgggt	tattttacat	tccaaaaata	ctgttgtgag
1861	attctcgtgg	tcaatgagtt	ttacggcctg	aacttcactt	gtggtggatc	caacacctct
1921	atgctaaatc	acccgatgtg	cgccatcacc	caaggggtcc	agttcatcga	gaaaacctgc
1981	ccaggtgcta	catccagatt	cacggcaaac	ttcctcatct	tatatgggtt	tatcccagct
2041	ctggtcatcc	taggaatagt	gatttttaaa	gtcagggact	acctgattag	cagatagtta
2101	agatgacagg	caggaaagg	ttaatgggca	ggcacgcca	ctgtggagca	cagagaagta
2161	ctgtctacaa	ccatcaggat	tccatctgcg	acccttggtg	ctgacccttg	tgtctatccg
2221	gagccccaag	ggcaacgaga	actcacagcc	ctctgctatt	ccagcttggtg	gggcaatgtg
2281	gtgcttggtg	attgtgactg	aactggtcca	ataatgtaaa	taataataat	tcataaacct
2341	acaggacatt	aaaa				

L4 ANSWER 215 OF 270 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AF320294 GenBank (R)
 GenBank ACC. NO. (GBN): AF320294
 GenBank VERSION (VER): AF320294.1 GI:11692801
 CAS REGISTRY NO. (RN): 308788-23-0
 SEQUENCE LENGTH (SQL): 2022
 MOLECULE TYPE (CI): mRNA; linear
 DIVISION CODE (CI): Primates
 DATE (DATE): 13 Dec 2000
 DEFINITION (DEF): Homo sapiens ***ABCG8*** (***ABCG8***) mRNA.

SOURCE: human.
 ORGANISM (ORGN): Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
 Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
 Hominidae; Homo

NUCLEIC ACID COUNT (NA): 424 a 603 c 545 g 450 t

REFERENCE: 1 (bases 1 to 2022)
 AUTHOR (AU): Berge,K.E.; Tian,H.; Graf,G.A.; Yu,L.; Grishin,N.V.;
 Schultz,J.; Kwiterovich,P.; Shan,B.; Barnes,R.;
 Hobbs,H.H.
 TITLE (TI): Accumulation of Dietary ***Cholesterol*** in
 Sitosterolemia Caused by Mutations in Adjacent ABC
 Transporters
 JOURNAL (SO): Science (2001) In press

REFERENCE: 2 (bases 1 to 2022)
 AUTHOR (AU): Berge,K.E.; Tian,H.; Graf,G.A.; Yu,L.; Grishin,N.V.;
 Schultz,J.; Kwiterovich,P.; Shan,B.; Barnes,R.;
 Hobbs,H.H.
 TITLE (TI): Direct Submission
 JOURNAL (SO): Submitted (09-NOV-2000) Molecular Genetics, University
 of Texas, Southwestern Medical Center at Dallas, 5323
 Harry Hines Blvd., Dallas, TX 75390-9046, USA

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..2022	/organism="Homo sapiens"
		/db-xref="taxon:9606"
gene	1..2022	/gene="ABCG8"
CDS	1..2022	/gene="ABCG8"
		/note="ATP-binding cassette, subfamily G, member 8"
		/codon-start=1
		/product="ABCG8"
		/protein-id="AAG40004.1"
		/db-xref="GI:11692802"
		/translation="MAGKAAEERGLPKGATPQDT SGLQDRLFSES DNSLYFTYSGQP NTLEVRDLNYQVDLASQVPWFELAQFKMPWTSP SCQNSCELGIQNLSFKVRSQGMLA IIGSSGCGRASLLDVITGRGHGGKIKSGQIWIN QPSSPQLVRKCVAHVRQHNQLLPN LTVRETAFIAQMRLPRTFSQAQRDKRVEDVIAE LRLRQCADTRVGNMYVRGLSGGER RRVSIGVQLLWNPGLILDEPTSGLDSTAHNLV KTL SRLAKGNRLVLISLHQPRSDI FRLFDLVLLMTSGTPIYLGAAQHMVQYFTAIGYP CPRYSNPADFYVDLTSIDRRSREQ ELATREKAQSLAALFLEKVRDLDDFLWKAETKDL DEDTCESSVTPLDTNCLPSPTKM PGAVQQFTTLIRRQISNDFRDLPTLLIHGAACL MSMTIGFLYFGHGSIQLSFMDTAA LLFMIGALIPFNVILDVISKCYSERAMLYYELED GLYTTGPYFFAKILGELPEHCAYI IIYGMPTYWLANLRPGLQPFLHFLLVLVVFCC RIMALAAAALLPTFHMASFFSNAL YNSFYLAGGFMINLSSLWTPAWISKVSFLRWCF EGLMKIQFSRRTYKMPLGNLTIAV SGDKILSVMELDSYPLYAIYLIVIGLSGGFMVLY YVSLRFIKQKPSQDW"

SEQUENCE (SEQ):

```

1 atggccggga aggcggcaga ggagagaggg ctgccgaaag gggccactcc ccaggataacc
61 tcgggcctcc aggatagatt gttctcctct gaaagtgaca acagcctgta cttcacctac
121 agtggccagc ccaacaccct ggaggtcaga gacctcaact accaggtgga cctggcctct
181 caggtccttt ggtttgagca gctggctcag ttcaagatgc cctggacatc tcccagctgc
241 cagaattctt gtgagctggg catccagaac ctaagcttca aagtgagaag tgggcagatg
301 ctggccatca tagggagctc aggttgctgg agagcctcct tgctagatgt gatcactggc
361 cgaggtcacg gcggcaagat caagtcaggc cagatctgga tcaatgggca gccagctcg
421 cctcagctgg tgaggaagtg tgtggccac gtgcgccagc acaaccagct gctcccaac
481 ttgactgtgc gagagacctt ggccttcatt gccagatgc ggctgccag aaccttctc
541 caggcccgagc gtgacaaaag ggtggaggac gtgatcgagg agctgcggct taggcagtgc
601 gctgacaccc gcgtgggcaa catgtacgtg cgggggttgt cgggggtgta gcgcaggaga
661 gtcagcattg ggggtgcagc cctgtggaac ccaggaatcc ttattctcga cgaaccacc
721 tctqqqctcq acaqcttcac aqcccacaac ctggtgaaag ccttctccaa qctqaccaa

```

```

841 gatctgggtcc tcctgatgac gtctggcacc cccatctact taggggaggc ccagcacatg
901 gtccagtatt tcacagccat cggctacccc tgcctcgcct acagcaatcc tgctgacttc
961 tatgtggacc tgaccagcat tgacaggcgc agcagagagc aggaattggc caccagggag
1021 aagggtcagt cactcgcagc cctgtttcta gaaaaagtgc gtgacttaga tgactttcta
1081 tggaaagcag agacgaagga tcttgacgag gacacctgtg tggaaagcag cgtgacccca
1141 ctgagacca actgcctccc gagtctctac aagatgcctg gggcgggtga gcagtttacg
1201 acgctgatcc gtcgtcagat ttccaacgac ttccgagacc tgcccaccct cctcatccat
1261 gggcgaggag cctgtctgat gtcaatgacc atcggcttcc tctattttgg ccatgggagc
1321 atccagctct cttcatgga tacagccgcc ctctgttca tgatcgggtc tctcatccct
1381 ttcaacgtca ttctggatgt catctccaaa tgttactcag agaggggcaat gctttactat
1441 gaactggaag acgggctgta caccatgggt ccatatttct ttgccaatat cctcggggag
1501 cttccggagc actgtgccta catcatcatc tacgggatgc ccacctactg gctggccaac
1561 ctgaggccag gcctccagcc cttcctgtcg cacttcctgc tgggtgtggc ggtggtcttc
1621 tgttgaggga ttatggccct ggccgcccgc gccctgctcc ccaccttcca catggcctcc
1681 ttcttcagca atgcccctta caactccttc tacctcgccg ggggcttcat gataaacttg
1741 agcagcctgt ggacagtgcc cgcgtggatt tccaaagtgt ccttcctgcg gtggtgtttt
1801 gaagggtgta tgaagattca gttcagcaga agaacttata aaatgcctct cgggaacctc
1861 accatcgagg tctcaggaga taaaatcctc agtgtcatgg agctggactc gtaccctctc
1921 tacgccatct acctcatcgt cattggcctc agcgggtggc tcatggctct gtactacgtg
1981 tccttaaggt tcatcaaaca gaaaccaagt caagactggt ga

```

L4 ANSWER 216 OF 270 GENBANK.RTM. COPYRIGHT 2004 on STN

```

LOCUS (LOC):                AF320293      GenBank (R)
GenBank ACC. NO. (GBN):    AF320293
GenBank VERSION (VER):     AF320293.1  GI:11692799
CAS REGISTRY NO. (RN):     386181-17-5
SEQUENCE LENGTH (SQL):     2340
MOLECULE TYPE (CI):        mRNA; linear
DIVISION CODE (CI):        Primates
DATE (DATE):               13 Dec 2000
DEFINITION (DEF):          Homo sapiens  ***ABCG5*** ( ***ABCG5*** ) mRNA,
                             complete cds.
SOURCE:
  ORGANISM (ORGN):          Homo sapiens
                             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
                             Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;
                             Hominidae; Homo
NUCLEIC ACID COUNT (NA):   541 a   601 c   598 g   600 t
REFERENCE:
  1 (bases 1 to 2340)
  AUTHOR (AU):              Berge,K.E.; Tian,H.; Graf,G.A.; Yu,L.; Grishin,N.V.;
                             Schultz,J.; Kwiterovich,P.; Shan,B.; Barnes,R.;
                             Hobbs,H.H.
  TITLE (TI):               Accumulation of Dietary ***Cholesterol*** in
                             Sitosterolemia Caused by Mutations in Adjacent ABC
                             Transporters
  JOURNAL (SO):             Science (2001) In press
REFERENCE:
  2 (bases 1 to 2340)
  AUTHOR (AU):              Berge,K.E.; Tian,H.; Graf,G.A.; Yu,L.; Grishin,N.V.;
                             Schultz,J.; Kwiterovich,P.; Shan,B.; Barnes,R.;
                             Hobbs,H.H.
  TITLE (TI):               Direct Submission
  JOURNAL (SO):             Submitted (09-NOV-2000) Molecular Genetics, University
                             of Texas, Southwestern Medical Center at Dallas, 5323
                             Harry Hines Blvd., Dallas, TX 75390-9046, USA

```

```

FEATURES (FEAT):
  Feature Key      Location      Qualifier
=====
source            1..2340      /organism="Homo sapiens"
                  /db-xref="taxon:9606"
gene              1..2340      /gene="ABCG5"
CDS               107..2062    /gene="ABCG5"
                  /note="ATP-binding cassette,
                  subfamily G, member 5"
                  /codon-start=1
                  /product="ABCG5"
                  /protein-id="AAG40003.1"
                  /db-xref="GI:11692800"
                  /translation="MGDLSSLTPGGSMGLQVNRG
                  SQSSLEGAPATAPEPHSLGILHAS
                  YSVSHRVRPWWDITSCRQWTRQILKDVSLYVES
                  GQIMCILGSSGSGKTTLLDAMSGR
                  LGRAGTFLGEVYVNGRALRREQFQDCFSYVLQSD
                  TLLSSLTVRETLHYTALLAIRGN

```

TGERRRVSIAAQLLQDPKVMLFDE
 PTTGLDCMTANQIVVLLVELARRNRIVVLTIHQP
 RSELFQLFDKIAILSFGELIFCGT
 PAEMLDFFNDGYPCEHSNPFDFYMDLTSVDTQ
 SKEREIETSKRVQMIESAYKKS
 CHKTLKNIERMKHLKTLPMVPFKTKDSPGVFSKL
 GVLLRRVTRNLVRNKLAVITRLLQ
 NLIMGLFLLFFVLRVRSNVLKGAIQDRVGLLYQF
 VGATPYTGMLNAVNLFVPLRAVSD
 QESQDGLYQKWQMMLAYALHVL PFSVVATMIFSS
 VCYWTLGLHPEVARFGYFSAALLA
 PHLIGEFLTLVLLGIVQNPINIVNSVALLSIAGV
 LVGSGFLRNIQEMPIPFKIISYFT
 FQKYCSEILVVNEFYGLNFTCGSSNVSVTTNPMC
 AFTQGIQFIEKTCPGATSRFTMNF
 LILYSFIPALVILGIVVKIRDHLISR"

SEQUENCE (SEQ):

1	gtcaggtgga	gcagggcagg	cagtctgcca	cgggctcccc	aactgaagcc	actctgggga
61	gggtccggcc	accagaaaat	ttgccagct	ttgctgcctg	ttggccatgg	gtgacctctc
121	atctttgacc	cccggagggt	ccatgggtct	ccaagtaaac	agaggctccc	agagctccct
181	ggagggggct	cctgccaccg	ccccggagcc	tcacagcctg	ggcatcctcc	atgcctccta
241	cagcgtcagc	caccgcgtga	ggccctgggtg	ggacatcaca	tcttgccggc	agcagtgga
301	caggcagatc	ctcaaagatg	tctcttgta	cgtggagagc	gggcagatca	tgtgcatcct
361	aggaagctca	ggctccggga	aaaccacgct	gtgggacgcc	atgtccggga	ggctggggcg
421	cgcggggacc	ttcttggggg	aggtgtatgt	gaacggccgg	gcgctgcgcc	gggagcagtt
481	ccaggactgc	ttctcctacg	tcctgcagag	cgacaccctg	ctgagcagcc	tcaccgtgcg
541	cgagacgctg	cactacaccg	cgctgctggc	catccgccgc	ggcaatcccg	gctccttcca
601	gaagaaggtg	gaggccgtca	tggcagagct	gagtctgagc	catgtggcag	accgactgat
661	tggcaactac	agcttggggg	gcatttccac	gggtgagcgg	cgccgggtct	ccatcgcagc
721	ccagctgctc	caggatccta	aggtcatgct	gttgatgag	ccaaccacag	gcctggactg
781	catgactgct	aatcagattg	tcgtcctcct	ggtggaactg	gctcgcagga	accgaattgt
841	ggttctcacc	attcaccagc	cccgttctga	gctttttcag	ctctttgaca	aaattgccat
901	cctgagcttc	ggagagctga	ttttctgtgg	cacgccagcg	gaaatgcttg	atttcttcaa
961	tgactgcggt	tacccttgct	ctgaacattc	aaaccctttt	gacttctata	tggacctgac
1021	gtcagtggtg	acccaaagca	aggaacggga	aataagaaacc	tccaagagag	tccagatgat
1081	agaatctgcc	tacaagaaat	cagcaatttg	tcataaaaact	ttgaagaata	ttgaaagaat
1141	gaaacacctg	aaaacgttac	caatggttcc	tttcaaaaacc	aaagattctc	ctggagtttt
1201	ctctaaactg	ggtgttctcc	tgaggagagt	gacaagaaac	ttggtgagaa	ataagctggc
1261	agtgattacg	cgtctccttc	agaatctgat	catgggtttg	ttcctccttt	tcttcgttct
1321	gcgggtccga	agcaatgtgc	taaaggggtc	tatccaggac	cgcgtaggtc	tcctttacca
1381	gcttggtggc	gccaccccg	acacaggtc	gctgaacgct	gtgaatctgt	ttcccgtgct
1441	gcgagctgtc	agcgaccagg	agagtccagg	cggcctctac	cagaagtggc	agatgatgct
1501	ggcctatgca	ctgcacgtcc	tccccttcag	cgttggtgcc	accatgattt	tcagcagtg
1561	gtgctactgg	acgctgggct	tacatcctga	ggttgcccga	tttgatattt	tttctgctgc
1621	tctcttgccc	ccccacttaa	ttggtgaatt	tctaactctt	gtgctacttg	gtatcgtcca
1681	aatatccaat	atagtcaaca	gtgtagtgcc	tctgctgtcc	attgcggggg	tgcttggtgg
1741	atctggattc	ctcagaaaca	tacaagaaat	gcccattcct	tttaaaatca	tcagttatatt
1801	tacattccaa	aatatttgca	gtgagattct	tgtagtcaat	gagttctacg	gactgaattt
1861	cacttggtgg	agctcaaatg	tttctgtgac	aactaatcca	atgtgtgcct	tcactcaagg
1921	aattcaattc	attgagaaaa	cctgcccagg	tgcaacatct	agattcacaa	tgaactttct
1981	gattttgtat	tcattttattc	cagctcttgt	catcctagga	atagttgttt	tcaaaataag
2041	ggatcatctc	attagcaggt	agtgaagccc	atggctggga	aaatggaagt	gaagctgccg
2101	actgtgcctg	actgctctga	acgtctgaaa	tgagagtgcc	atgtatttct	ttcttgacag
2161	gacatctcaa	gtcttttaac	cattaagact	ccatttgctg	ctcttggtac	caagcaggcc
2221	ttgaatgcaa	tggaagtgg	ttatagtccc	ttgctcttac	aacttgacag	gacatgtgg
2281	tatttgga	ttgtgactga	gcggacccaa	gaatgtaaat	aatattcata	aacctatggg

L4 ANSWER 217 OF 270 IFIPAT COPYRIGHT 2004 IFI on STN
 AN 10305319 IFIPAT;IFIUDB;IFICDB
 TI ***ABCG5*** AND ***ABCG8*** : COMPOSITIONS AND METHODS OF USE;
 NUCLEOTIDE SEQUENCES CODING POLYPEPTIDE FOR USE IN THE TREATMENT OF
 CARDIOVASCULAR, HYPERLIPIDEMIA AND HYPERCHOLESTEROLEMIA
 IN Barnes Robert; Hobbs Helen H; Shan Bei; Tian Hui
 PA Unassigned Or Assigned To Individual (68000)
 PI US 2003049730 AI 20030313
 AI US 2001-989981 20011120
 PRAI US 2000-252235P 20001120 (Provisional)
 US 2000-253645P 20001128 (Provisional)
 FI US 2003049730 20030313
 DT Utility; Patent Application - First Publication
 FS CHEMICAL
 APPLICATION
 CLMN 70
 GI 3 Figure(s).

acid sequences of ***ABCG5*** and ***ABCG8*** (C). ***ABCG5*** and ***ABCG8*** are located on chromosome 2p21 between markers D2S177 and D2S 119. (A) ***ABCG5*** and ***ABCG8*** are tandemly arrayed in a head-to-head orientation separated by 374 basepairs. ***ABCG5*** and ***ABCG8*** are both encoded by 13 exons and each spans *28 kb. (B) The mutations detected in patients with sitosterolemia (Table 2) are indicated on a schematic model of ***ABCG5*** (left) and ***ABCG8*** (right) (C) Predicted amino acid sequence of ***ABCG5*** and ***ABCG8***, which are 651 and 673 residues in length, respectively. Alignment of the inferred amino acid sequences indicates 28% sequence identity and 61% sequence similarity between ***ABCG5*** and ***ABCG8***. Both proteins are predicted to contain six transmembrane segments using the program MEMSAT 2 (Jones, et al., Biochem. 33:3038 (1994)). The putative transmembrane segments of each protein are indicated by blue (***ABCG5***) or green (***ABCG8***) cylinders (B) and lines (C). The Walker A motif and Walker B motifs are highlighted in yellow and pink, respectively. The ABC signature sequence (C-motif) is indicated in purple.

FIG. 2. Expression of ***ABCG5*** and ***ABCG8*** in human tissues (A) and the effect of ***cholesterol*** feeding on levels of ***ABCG5*** and ***ABCG8*** mRNAs in mouse liver and intestines (B). (A) Northern blot analysis of human tissues. The coding sequence of ***ABCG5*** and ***ABCG8*** were amplified from liver polyA+RNA (Clontech) and the fragments were cloned into the plasmid vector pGEM-T (Promega). The coding region of the cDNA was amplified and the fragment radiolabeled (Megaprime DNA Labeling System, Amersham) prior to incubation with the blot in Rapid-hyb buffer (1 x 10⁶ cpm/ml) (Amersham). The blot was washed and subjected to autoradiography for 18 h using Kodak X-OMAT-blue film (Jokinen, et al., J. Biol. Chem. 269:26411 (1994)). The results were identical when probes generated from the 3' untranslated regions of both cDNAs were used. (B) ***cholesterol*** feeding induces coordinate increases in levels of ***ABCG5*** and ***ABCG8*** mRNA. Seven-week-old male mice (129S3/SvImj) were fed powdered chow (Harlan Teklad Rodent Diet) in the absence or presence of ***cholesterol*** (2%, w/v). Mice were killed after one or seven days in the light phase of the cycle. Total RNA was isolated using RNA-STAT (TelTest) from the liver and three equal segments of the small intestine (duodenum, jejunum and ileum). The tissue RNAs were pooled from three animals and aliquots (15 µg) used to make duplicate northern blots (Hobbs, et al, Hum. Mutat. 1:445 (1992)). The mouse cDNAs for ***ABCG5*** and ***ABCG8*** were used as probes. Cyclophilin was used as an internal standard. The results were identical when probes generated from the 3' untranslated regions of both cDNAs were used.

FIG. 3. (A) ***ABCG8*** exon 2 (reverse strand) through ***ABCG5*** exon 2 (forward strand). The four exons are underlined and the conserved regions are in uppercase. The sequence ends in intron 2 of ***ABCG5*** and is in the following order: ***ABCG8*** -exon 2 (reverse strand); ***ABCG8*** -intron 1 (reverse strand); ***ABCG8*** -exon 1 (reverse strand); gap between genes; ***ABCG5*** -exon 1 (forward strand); ***ABCG5*** -intron 1 (forward strand); ***ABCG5*** -exon 2 (forward strand); and ***ABCG5*** -intron 2 (forward strand, partial). (B) The sequence between ***ABCG5*** and ***ABCG8*** in which the control sequences (e.g., bidirectional promoter, etc.) reside.

L4 ANSWER 218 OF 270 IFIPAT COPYRIGHT 2004 IFI on STN
AN 10138062 IFIPAT;IFIUDB;IFICDB
TI SITOSTEROLEMIA SUSCEPTIBILITY GENE (SSG): COMPOSITIONS AND METHODS OF
USE; NUCLEOTIDE SEQUENCES CODING POLYPEPTIDE FOR USE IN THE TREATMENT OF
HYPERCHOLESTEROLEMIA, HYPERLIPIDEMIA, GALL STONES, AND ATHEROSCLEROSIS
IN Schultz Joshua; Shan Bei; Tian Hui
PA Unassigned Or Assigned To Individual (68000)
PI US 2002081687 A1 20020627
AI US 2001-837992 20010418
PRAI US 2000-198465P 20000418 (Provisional)
US 2000-204234P 20000515 (Provisional)
FI US 2002081687 20020627
DT Utility; Patent Application - First Publication
FS CHEMICAL
APPLICATION
CLMN 74
GI 14 Figure(s).

FIG. 1 shows a Northern blot that demonstrates that the LXR agonist Compound (Cpd.) A causes an increase in the level of SSG mRNA in the liver and the intestine.

FIG. 2 shows a Northern blot demonstrating that the LXR agonists Compounds

FIG. 3 shows a Northern blot demonstrating that the LXR agonist Compound A causes an increase in the level of expression of ABC1 in the liver, intestine, and kidney.

FIG. 4 demonstrates that the LXR agonist Compound A stimulates efflux of ***cholesterol*** from Caco-2 cells.

FIG. 5 provides a model for the role of SSG, and the regulation of SSG by LXR-RXR, in cells lining the intestinal lumen. According to this model, SSG plays a role in sterol efflux from the cells lining the intestinal lumen, i.e. SSG plays a role in counteracting the absorption of sterol from the intestine, thus explaining the elevated sterol levels in sitosterolemia patients who lack SSG function.

FIG. 6 provides the structures of the LXR agonists Compounds A, B, and C.

FIG. 7 shows the amino acid and nucleotide sequence for mouse SSG.

FIG. 8 shows the amino acid and nucleotide sequence for human SSG.

FIG. 9 shows a comparison between the mouse and human SSG amino acid sequences.

FIG. 10 shows the results of a mapping experiment for SSG using the Stanford human TNG Radiation Hybrid Panel (Research Genetics), confirming the map position of human SSG of between markers D2S177 and D2S119.

FIG. 11 shows the results of PCR using SSG specific primers and cDNA panels from various tissues.

FIG. 12 shows that human SSG (or human ***ABCG5***) is predominantly expressed in the liver and small intestine.

FIG. 13 shows that mouse SSG (or mouse ***ABCG5***) is predominantly expressed in the liver and small intestine.

FIG. 14 illustrates the cDNA cloning and genomic organization of SSG (or ***ABCG5***) (A). The predicted human and mouse proteins share 80% identity and are 28% identical to Drosophila Brown. Human SSG contains 13 exons and spans at least 25 kb of genomic DNA (B).

L4 ANSWER 219 OF 270 LIFESCI COPYRIGHT 2004 CSA on STN
AN 2001:8104 LIFESCI
TI Biochemistry: An absorbing study of ***cholesterol***
AU Allayee, H.; Laffitte, B.A.; Lusis, A.J.
CS Dep. Medicine and Microbiol., Immunol. and Mol. Genet., Univ. California, Los Angeles (UCLA) Sch. Med., Los Angeles, CA 90095, USA; E-mail: hallayee@ucla.edu
SO Science (Washington) [Science (Wash.)], (20001201) vol. 290, no. 5497, pp. 1709-1711.
ISSN: 0036-8075.
DT Journal
TC General Review
FS G
LA English

L4 ANSWER 220 OF 270 MEDLINE on STN
AN 2004217503 IN-PROCESS
DN PubMed ID: 15115962
TI New concepts of mechanisms of intestinal ***cholesterol*** absorption.
AU Wang David Q H
CS Department of Medicine, Gastroenterology Division, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, Massachusetts 02215, USA.. dqwang@caregroup.harvard.edu
NC DK54012 (NIDDK)
SO Ann Hepatol, (2003 Jul-Sep) 2 (3) 113-21.
Journal code: 101155885. ISSN: 1665-2681.
CY Mexico
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS IN-PROCESS; NONINDEXED; Priority Journals
ED Entered STN: 20040430
Last Updated on STN: 20040501

L4 ANSWER 221 OF 270 MEDLINE on STN
AN 2004086798 MEDLINE
DN PubMed ID: 14976303
TI Biomedicine. Will the real ***cholesterol*** transporter please stand up.
CM Comment on: Science. 2004 Feb 20;303(5661):1201-4. PubMed ID: 14976318
AU Klett Eric L; Patel Shailesh B
CS Division of Endocrinology, Diabetes and Medical Genetics, Medical University of South Carolina, Charleston, SC 29403, USA.
SO Science, (2004 Feb 20) 303 (5661) 1149-50.
Journal code: 0404511. ISSN: 1095-9203.
CY United States

Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200403
 ED Entered STN: 20040221
 Last Updated on STN: 20040312
 Entered Medline: 20040311

L4 ANSWER 222 OF 270 MEDLINE on STN
 AN 2003395683 MEDLINE
 DN PubMed ID: 12933663
 TI The aromatase knockout mouse presents with a sexually dimorphic disruption to ***cholesterol*** homeostasis.
 AU Hewitt Kylie N; Boon Wah Chin; Murata Yoko; Jones Margaret E E; Simpson Evan R
 CS Prince Henry's Institute of Medical Research and Department of Biochemistry and Molecular Biology, Monash University, Clayton, Victoria, Australia.. kylie.hewitt@med.monash.edu.au
 NC R37-AG08174 (NIA)
 SO Endocrinology, (2003 Sep) 144 (9) 3895-903.
 Journal code: 0375040. ISSN: 0013-7227.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Abridged Index Medicus Journals; Priority Journals
 EM 200309
 ED Entered STN: 20030823
 Last Updated on STN: 20030917
 Entered Medline: 20030916

L4 ANSWER 223 OF 270 MEDLINE on STN
 AN 2003241438 MEDLINE
 DN PubMed ID: 12763379
 TI Biliary ***cholesterol*** secretion: more lessons from plants?.
 CM Comment on: J Hepatol. 2003 Jun;38(6):710-6. PubMed ID: 12763362
 AU Stieger Bruno
 SO Journal of hepatology, (2003 Jun) 38 (6) 843-6. Ref: 27
 Journal code: 8503886. ISSN: 0168-8278.
 CY England: United Kingdom
 DT Commentary
 Editorial
 General Review; (REVIEW)
 (REVIEW, TUTORIAL)
 LA English
 FS Priority Journals
 EM 200401
 ED Entered STN: 20030524
 Last Updated on STN: 20040123
 Entered Medline: 20040122

L4 ANSWER 224 OF 270 MEDLINE on STN
 AN 2002498308 MEDLINE
 DN PubMed ID: 12359125
 TI Genetic disorders associated with ATP binding cassette ***cholesterol*** transporters.
 AU Burris Thomas P; Eacho Patrick I; Cao Guoqing
 CS Lilly Research Laboratories, Eli Lilly & Company, Lilly Corporate Center, Indianapolis, IN 46285, USA.
 SO Molecular genetics and metabolism, (2002 Sep-Oct) 77 (1-2) 13-20. Ref: 54
 Journal code: 9805456. ISSN: 1096-7192.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, TUTORIAL)
 LA English
 FS Priority Journals
 EM 200305
 ED Entered STN: 20021003
 Last Updated on STN: 20030528
 Entered Medline: 20030527

L4 ANSWER 225 OF 270 MEDLINE on STN
 AN 2002453875 MEDLINE
 DN PubMed ID: 12208859
 TI Biliary ***cholesterol*** secretion by the twinned sterol

CM Comment on: J Clin Invest. 2002 Sep;110(5):659-69. PubMed ID: 12208867
 Comment on: J Clin Invest. 2002 Sep;110(5):671-80. PubMed ID: 12208868
 AU Wittenburg Henning; Carey Martin C
 CS Department of Medicine, Harvard Medical School, Gastroenterology Division,
 Brigham and Women's Hospital, and Harvard Digestive Diseases Center,
 Boston, Massachusetts 02115, USA.
 SO Journal of clinical investigation, (2002 Sep) 110 (5) 605-9. Ref: 25
 Journal code: 7802877. ISSN: 0021-9738.
 CY United States
 DT Commentary
 Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, TUTORIAL)
 LA English
 FS Abridged Index Medicus Journals; Priority Journals
 EM 200210
 ED Entered STN: 20020906
 Last Updated on STN: 20021012
 Entered Medline: 20021011

L4 ANSWER 226 OF 270 MEDLINE on STN
 AN 2002378403 MEDLINE
 DN PubMed ID: 12124998
 TI Mutations in the human ATP-binding cassette transporters ***ABCG5***
 and ***ABCG8*** in sitosterolemia.
 AU Heimer Susanne; Langmann Thomas; Moehle Christoph; Mauerer Richard; Dean
 Michael; Beil Frank-Ulrich; von Bergmann Klaus; Schmitz Gerd
 CS Institute for Clinical Chemistry and Laboratory Medicine, University of
 Regensburg, Germany.
 SO Human mutation, (2002 Aug) 20 (2) 151.
 Journal code: 9215429. ISSN: 1098-1004.
 CY United States
 DT (CASE REPORTS)
 Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200208
 ED Entered STN: 20020719
 Last Updated on STN: 20020817
 Entered Medline: 20020816

L4 ANSWER 227 OF 270 MEDLINE on STN
 AN 2001642506 MEDLINE
 DN PubMed ID: 11677224
 TI Diet and disease: the "phyte" over intestinal ***cholesterol***
 AU Carter B A; Karpen S J
 SO Gastroenterology, (2001 Nov) 121 (5) 1255-6.
 Journal code: 0374630. ISSN: 0016-5085.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Abridged Index Medicus Journals; Priority Journals
 EM 200112
 ED Entered STN: 20011107
 Last Updated on STN: 20020823
 Entered Medline: 20011205

L4 ANSWER 228 OF 270 MEDLINE on STN
 AN 2001459289 MEDLINE
 DN PubMed ID: 11504671
 TI Dietary ***cholesterol*** absorption; more than just bile.
 AU Lu K; Lee M H; Patel S B
 CS Division of Endocrinology, Diabetes and Medical Genetics, Medical
 University of South Carolina, STR 541, 114 Doughty Street, Charleston, SC
 29403, USA.
 NC HL60613 (NHLBI)
 SO Trends in endocrinology and metabolism: TEM, (2001 Sep) 12 (7) 314-20.
 Ref: 64
 Journal code: 9001516. ISSN: 1043-2760.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, TUTORIAL)
 LA English
 FS Priority Journals

ED Entered STN: 20010816
Last Updated on STN: 20020823
Entered Medline: 20011004

L4 ANSWER 229 OF 270 MEDLINE on STN
AN 2001064454 MEDLINE
DN PubMed ID: 11186392
TI Biochemistry. An absorbing study of ***cholesterol***
CM Comment on: Science. 2000 Dec 1;290(5497):1771-5. PubMed ID: 11099417
AU Allayee H; Laffitte B A; Lusis A J
CS Department of Medicine, University of California, Los Angeles (UCLA)
School of Medicine, Los Angeles, CA 90095, USA.. hallayee@ucla.edu
SO Science, (2000 Dec 1) 290 (5497) 1709-11.
Journal code: 0404511. ISSN: 0036-8075.
CY United States
DT Commentary
Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200012
ED Entered STN: 20010322
Last Updated on STN: 20021227
Entered Medline: 20001222

L4 ANSWER 230 OF 270 PASCAL COPYRIGHT 2004 INIST-CNRS. ALL RIGHTS
RESERVED. on STN
AN 2004-0078463 PASCAL
CP Copyright .COPYRGT. 2004 INIST-CNRS. All rights reserved.
TIEN Feeding natural hydrophilic bile acids inhibits intestinal
cholesterol absorption: studies in the gallstone-susceptible
mouse
AU WANG David Q.-H.; TAZUMA Susumu; COHEN David E.; CAREY Martin C.
CS Division of Gastroenterology, Department of Medicine, Beth Israel
Deaconess Medical Center, Boston, Massachusetts 02215, United States;
Division of Gastroenterology, Department of Medicine, Brigham and Women's
Hospital, Harvard Medical School and Harvard Digestive Diseases Center,
Boston, Massachusetts 02215, United States; First Department of Internal
Medicine, Hiroshima University School of Medicine, Hiroshima 734-8551,
Japan; Marion Bessin Liver Research Center, Albert Einstein College of
Medicine, Bronx, New York 10461, United States
SO American journal of physiology. Gastrointestinal and liver physiology,
(2003), 48(3), G494-G502, 50 refs.
ISSN: 0193-1857 CODEN: APGPDF
DT Journal
BL Analytic
CY United States
LA English
AV INIST-670C2, 354000112214140040

L4 ANSWER 231 OF 270 PASCAL COPYRIGHT 2004 INIST-CNRS. ALL RIGHTS
RESERVED. on STN
AN 2003-0334471 PASCAL
CP Copyright .COPYRGT. 2003 INIST-CNRS. All rights reserved.
TIEN The ABCcs of biliary ***cholesterol*** secretion and their
implication for gallstone disease
AU ZANLUNGO Silvana; MIQUEL Juan Francisco; RIGOTTI Attilio; NERVI Flavio
CS Departamento de Gastroenterología, Facultad de Medicina, Pontificia
Universidad Católica, Santiago, Chile
SO Hepatology : (Baltimore, Md.), (2003), 37(4), 940-942, 25 refs.
ISSN: 0270-9139 CODEN: HPTLD9
DT Journal
BL Analytic
CY United States
LA English
AV INIST-19427, 354000119445770290

L4 ANSWER 232 OF 270 PASCAL COPYRIGHT 2004 INIST-CNRS. ALL RIGHTS
RESERVED. on STN
AN 2003-0079704 PASCAL
CP Copyright .COPYRGT. 2003 INIST-CNRS. All rights reserved.
TIEN ***Cholesterol*** homeostasis
sterols and oxysterols : chemistry, biology, and pathobiology
AU NESS Gene C.
FLIESLER Steven J. (ed.)
CS Department of Biochemistry and Molecular Biology. College of Medicine

SO (2002), 1-14, 82 refs.
Published by: Research signpost, Trivandrum
ISBN: 81-7736-069-8
DT Book
BL Analytic
CY India
LA English
AV INIST-L 28458, 354000105775270010

L4 ANSWER 233 OF 270 PASCAL COPYRIGHT 2004 INIST-CNRS. ALL RIGHTS
RESERVED. on STN
AN 2001-0350680 PASCAL
CP Copyright .COPYRG. 2001 INIST-CNRS. All rights reserved.
TIEN Identification of ***ABCG5*** and ***ABCG8*** important in the
regulation of dietary ***cholesterol*** absorption
TIFR Une maladie metabolique a l'origine de la decouverte des transporteurs
ABCG5 et ***ABCG8*** modulant l'absorption intestinale du
cholesterol
AU LAMBERT Gilles; KREMPF Michel
CS Molecular Disease Branch, National Heart Lung and Blood Institute,
National Institutes of Health, Bethesda, MD 20890, United States;
Clinique d'endocrinologie, Hotel-Dieu, 44093 Nantes, France
SO MS. Medecine sciences, (2001), 17(6-7), 814-815, 9 refs.
ISSN: 0767-0974
DT Journal
BL Analytic
CY France
LA French
AV INIST-20825, 354000097812210250

L4 ANSWER 234 OF 270 PHAR COPYRIGHT 2004 PJB on STN
AN 23164 PHAR
DN 034398
CN lipid disorder ther, Active P
CN ABCA1 modulators, Active Pass
CN ***ABCG5*** modulators, Active Pass
CN ***ABCG8*** modulators, Active Pass
STA Active

CO
Type |Company Name (Country) |Development Status
=====+=====+=====

Originator	Active Pass Pharmaceuticals (Canada)	Preclinical
------------	---	-------------

SO Pharmaprojects. PJB Publications Ltd., Richmond, Surrey, UK
TX Active Pass Pharmaceuticals is developing modulators of multiple ABC
transporters (ABCA1, ***ABCG5*** and ***ABCG8***) for the
treatment of lipid disorders. ABCA1 regulates HDL ***cholesterol***
levels, and ***ABCG5*** and ***ABCG8*** form a complex
regulating absorption of dietary ***cholesterol*** (Company Web
Page, Active Pass, 20 Jun 2003). Preclinical Compounds which inhibit
activity rather than gene expression are under study (BIO 2002
(Toronto); Company Web Page, Active Pass, 26 Jun 2002). Updated by GR
on 20/6/2003.

DSTA World: Preclinical
Canada: Preclinical

CC C10 Hypolipaemic-Antiatherosclerosis
CT Indication: Hyperlipidaemia, general
ORGM CH-SY (Chemical, synthetic)
RTE UN (Unknown)

RDAT 20020626 RNTE ##Act##New Product
NRAT 1:Novelty Rating - All Preclinical
MRAT 4:Market Rating - US\$ 5001-10000 million
SRAT 1:Speed Rating - Development not started
TRAT 0:Total Rating - Total Rating unavailable

PHCD TRN-CHO-AN; ***Cholesterol*** transporter antagonist;
Physiological, Biochemical, ***cholesterol*** transporter
antagonist; ABCA1 transporter antagonist; ***ABCG5*** transporter
antagonist; ***ABCG8*** transporter antagonist; P-B-TRN-CHO-AN.
PHCD P; P-AN; P-B; P-B-AN; P-B-TRN; P-B-TRN-AN; P-B-TRN-CHO;
P-B-TRN-CHO-AN; B; B-AN; B-TRN; B-TRN-AN; B-TRN-CHO; B-TRN-CHO-AN;
TRN; TRN-AN; TRN-CHO; TRN-CHO-AN; CHO; CHO-AN.

LN
Therapy (CC)|Pharmacology (PHCD) |Status (DSTC)

=====+=====+=====

C10	TRN-CHO-AN	P
-----	------------	---

LCDAT 20030620: GR : Ongoing development reported

STRUCTURE DIAGRAM IS NOT AVAILABLE

L4 ANSWER 235 OF 270 PHIN COPYRIGHT 2004 PJB on STN

AN 2001:47 PHIN
DN S00690068
DED 13 Dec 2000
TI Advances in CV (cardiovascular) gene discovery
SO Scrip (2000) No. 2600 p23
DT Newsletter
FS FULL

L4 ANSWER 236 OF 270 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 2003:584237 PROMT
TITLE: News at AHA: Higher Blood Levels of Sitosterol may be
Associated with Increased Risk for Coronary Events in Study
Patients.
SOURCE: PR Newswire, (10 Nov 2003) .
PUBLISHER: PR Newswire Association, Inc.
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 619
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L4 ANSWER 237 OF 270 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 2003:584229 PROMT
TITLE: News at AHA: Higher Blood Levels of Sitosterol May Be
Associated with Increased Risk for Coronary Events in Study
Patients.
SOURCE: PR Newswire, (10 Nov 2003) .
PUBLISHER: PR Newswire Association, Inc.
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 626
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L4 ANSWER 238 OF 270 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 2001:4829 PROMT
TITLE: Sitosterolemia Genes Discovered.
SOURCE: Applied Genetics News, (Dec 2000) Vol. 21, No. 5.
ISSN: 0271-7107.
PUBLISHER: Business Communications Company, Inc.
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 231
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L4 ANSWER 239 OF 270 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 2000:1046858 PROMT
TITLE: Tularik Discovers Genes Involved in ***Cholesterol***
Regulation.
SOURCE: PR Newswire, (1 Dec 2000) pp. 8802.
PUBLISHER: PR Newswire Association, Inc.
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 526
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L4 ANSWER 240 OF 270 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 2000:1044594 PROMT
TITLE: RARE LIPID DISORDER HINTS AT ***CHOLESTEROL*** -CUTTING
AGENTS TULARIK, TEXAS U. TEAM UP TO FERRET OUT GENES THAT
HUSTLE TOXIC PLANT STEROLS OUT OF BODY.

SOURCE: BIOWORLD Today, (1 Dec 2000) No. 231.
PUBLISHER: American Health Consultants, Inc.
DOCUMENT TYPE: Newsletter
LANGUAGE: English
WORD COUNT: 1039
FULL TEXT IS AVAILABLE IN THE ALL FORMAT

L4 ANSWER 241 OF 270 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2004:275356 SCISEARCH
GA The Genuine Article (R) Number: 803JZ
TI Phytosterols and ***cholesterol*** metabolism
AU Ostlund R E (Reprint)
CS Washington Univ, Sch Med, Div Endocrinol Diabet & Lipid Res, Dept Internal
Med, Box 8127, 660 S Euclid Ave, St Louis, MO 63110 USA (Reprint);
Washington Univ, Sch Med, Div Endocrinol Diabet & Lipid Res, Dept Internal
Med, St Louis, MO 63110 USA
CYA USA
SO CURRENT OPINION IN LIPIDOLOGY, (FEB 2004) vol. 15, No. 1, pp. 37-41.
Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA
19106-3621 USA.
ISSN: 0957-9672.
DT Article; Journal
LA English
REC Reference Count: 31
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L4 ANSWER 242 OF 270 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2004:96184 SCISEARCH
GA The Genuine Article (R) Number: 739RQ
TI Differential hepatic and intestinal overexpression of human ***ABCG5***
and ***ABCG8*** in transgenic mice: Effects on intestinal
cholesterol absorption, biliary sterol excretion and
atherosclerosis
AU Wu J (Reprint); Basso F; Shamburek R; Amar M; Vaisman B; Terese T; Freeman
L; Szakacs G; Knapper C; Paigen B; Fruchart-Najib J; Brewer H B;
Santamarina-Fojo S
CS NHLBI, Bethesda, MD 20892 USA; NCI, Bethesda, MD 20892 USA; Jackson Labs,
Bar Harbor, ME USA; Inst Pasteur, F-59019 Lille, France; NHLBI, Bethesda,
MD 20892 USA
CYA USA; France
SO CIRCULATION, (28 OCT 2003) vol. 108, No. 17, Supp. [S], pp. 259-259. MA
1223.
Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA
19106-3621 USA.
ISSN: 0009-7322.
DT Conference; Journal
LA English
REC Reference Count: 0

L4 ANSWER 243 OF 270 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2004:96183 SCISEARCH
GA The Genuine Article (R) Number: 739RQ
TI ABCB4 is required for ***ABCG5*** and ***ABCG8*** to promote
cholesterol excretion
AU Yu L Q (Reprint); Langheim S; Cohen J C; Hobbs H H
CS Univ Texas, SW Med Ctr, Dallas, TX 75230 USA
CYA USA
SO CIRCULATION, (28 OCT 2003) vol. 108, No. 17, supp. [S], pp. 259-259. MA
1222.
Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA
19106-3621 USA.
ISSN: 0009-7322.
DT Conference; Journal
LA English
REC Reference Count: 0

L4 ANSWER 244 OF 270 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2004:52656 SCISEARCH
GA The Genuine Article (R) Number: 758JX
TI Low synthesis and high absorption of ***cholesterol*** characterize
type 1 diabetes
AU Miettinen T A (Reprint); Gylling H; Ruominen J; Simonen P; Koivisto V
CS Biomedicum Helsinki, C4 22, POB 700, FIN-00029 HUS, Finland (Reprint);
Univ Helsinki, Dept Med, Div Internal Med, Helsinki, Finland; Univ Kuopio,
Dept Clin Nutr. FIN-70211 Kuopio. Finland: Kuopio Univ Hosp. SF-70210

CYA Finland; Germany
 SO DIABETES CARE, (JAN 2004) Vol. 27, No. 1, pp. 53-58.
 Publisher: AMER DIABETES ASSOC, 1701 N BEAUREGARD ST, ALEXANDRIA, VA
 22311-1717 USA.
 ISSN: 0149-5992.
 DT Article; Journal
 LA English
 REC Reference Count: 29
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L4 ANSWER 245 OF 270 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 AN 2003:1077182 SCISEARCH
 GA The Genuine Article (R) Number: 730ER
 TI Risk factors for ***cholesterol*** gallstone formation are associated
 with common polymorphisms of ***ABCG5*** / ***ABCG8***, the genes
 encoding the biliary ***cholesterol*** half-transporters, in German
 and Mexican gallstone patients.
 AU Mendez-Sanchez N (Reprint); Rahbar-Tabrizi N; King-Martinez A C;
 Wittenburg H; Keppeler H; Schirin-Sokhan R; Werth A; Wasmuth H E; Uribe M;
 Matern S; Lammert F
 CS Med Sur Clin & Fdn, Mexico City, DF, Mexico; Univ Aachen, D-5100 Aachen,
 Germany; Univ Leipzig, D-7010 Leipzig, Germany
 CYA Mexico; Germany
 SO HEPATOLOGY, (OCT 2003) Vol. 38, No. 4, Supp. [1], pp. 388A-388A. MA 474.
 Publisher: W B SAUNDERS CO, INDEPENDENCE SQUARE WEST CURTIS CENTER, STE
 300, PHILADELPHIA, PA 19106-3399 USA.
 ISSN: 0270-9139.
 DT Conference; Journal
 LA English
 REC Reference Count: 0

L4 ANSWER 246 OF 270 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 AN 2003:1077180 SCISEARCH
 GA The Genuine Article (R) Number: 730ER
 TI Diosgenin-induced biliary ***cholesterol*** hypersecretion depends on
 the presence of ***ABCG8***.
 AU Kusters A (Reprint); Kunne C; Looije N; Kuipers F; Patel S B; Groen A K
 CS Univ Amsterdam, Acad Med Ctr, NL-1105 AZ Amsterdam, Netherlands; Univ
 Groningen Hosp, Groningen, Netherlands; Med Univ S Carolina, Charleston,
 SC 29425 USA
 CYA Netherlands; USA
 SO HEPATOLOGY, (OCT 2003) Vol. 38, No. 4, Supp. [1], pp. 387A-387A. MA 472.
 Publisher: W B SAUNDERS CO, INDEPENDENCE SQUARE WEST CURTIS CENTER, STE
 300, PHILADELPHIA, PA 19106-3399 USA.
 ISSN: 0270-9139.
 DT Conference; Journal
 LA English
 REC Reference Count: 0

L4 ANSWER 247 OF 270 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 AN 2003:800721 SCISEARCH
 GA The Genuine Article (R) Number: 719VX
 TI The molecular and metabolic basis of biliary ***cholesterol***
 secretion and gallstone disease
 AU Zanlungo S; Nervi F (Reprint)
 CS Pontificia Univ Catolica Chile, Dept Gastroenterol, 367 Marcoleta, Casilla
 114-D, Santiago, Chile (Reprint); Pontificia Univ Catolica Chile, Dept
 Gastroenterol, Santiago, Chile
 CYA Chile
 SO FRONTIERS IN BIOSCIENCE, (SEP 2003) Vol. 8, pp. s1166-s1174.
 Publisher: FRONTIERS IN BIOSCIENCE INC, C/O NORTH SHORE UNIV HOSPITAL,
 BIOMEDICAL RESEARCH CENTER, 350 COMMUNITY DR, MANHASSET, NY 11030 USA.
 ISSN: 1093-9946.
 DT General Review; Journal
 LA English
 REC Reference Count: 107
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L4 ANSWER 248 OF 270 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 AN 2003:752637 SCISEARCH
 GA The Genuine Article (R) Number: 715GE
 TI Genetic analysis of indicators of ***cholesterol*** synthesis and
 absorption: Lathosterol and phytosterols in Dutch twins and their parents
 AU Boomsma DI (Reprint); Princen H M; Frants R R; Leuven J A G; Kempen H J M
 CS Vrije Univ Amsterdam. Dept Biol Psychol. Van der Boechorststr 1, NL-1081

Psychol, NL-1081 BT Amsterdam, Netherlands; PG TNO, Gaubius Lab, Leiden, Netherlands; Leiden Univ, Med Ctr, Leiden, Netherlands

CYA
SO TWIN RESEARCH, (AUG 2003) Vol. 6, No. 4, pp. 307-314.
Publisher: AUSTRALIAN ACAD PRESS, 32 JEAYS ST, BOWEN HILLS, QLD 4006, AUSTRALIA.
ISSN: 1369-0523.

DT Article; Journal
LA English
REC Reference Count: 37
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L4 ANSWER 249 OF 270 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2003:621455 SCISEARCH
GA The Genuine Article (R) Number: 613QJ
TI Overexpression of ***ABCG5*** and ***ABCG8*** promotes biliary
cholesterol secretion and inhibits ***cholesterol***
absorption in mice
AU Yu L Q (Reprint); Jia L H; Hammer R E; Berge K E; Horton J D; Cohen J;
Hobbs H H
CS Univ Texas, SW Med Ctr, Dallas, TX USA
CYA USA
SO CIRCULATION, (5 NOV 2002) Vol. 106, No. 19, Supp. [S], pp. 73-73. MA 363.
Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA 19106-3621 USA.
ISSN: 0009-7322.

DT Conference; Journal
LA English
REC Reference Count: 0

L4 ANSWER 250 OF 270 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2003:424112 SCISEARCH
GA The Genuine Article (R) Number: 676GG
TI Overexpression of human ***ABCG5*** and ***ABCG8*** in transgenic
mice: Effects on intestinal ***cholesterol*** absorption, biliary
sterol excretion and atherosclerosis
AU Wu J E (Reprint); Basso F; Shamburek R D; Amar M J; Vaisman B; Tansey T;
Lita F; Paigen B; Fruchart-Najib J; Brewer H B; Santamarina-Fojo S
CS NHLBI, Bethesda, MD 20892 USA; Jackson Labs, Bar Harbor, ME USA; Inst
Pasteur, F-59019 Lille, France
CYA USA; France
SO ARTERIOSCLEROSIS THROMBOSIS AND VASCULAR BIOLOGY, (MAY 2003) Vol. 23, No. 5, pp. A42-A43. MA P241.
Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA 19106-3621 USA.
ISSN: 1079-5642.

DT Conference; Journal
LA English
REC Reference Count: 0

L4 ANSWER 251 OF 270 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2003:423889 SCISEARCH
GA The Genuine Article (R) Number: 676GG
TI Severe sitosterolemia but unaffected biliary ***cholesterol*** content
in ATP-binding cassette transporter ***ABCG5*** -null mice
AU Plosch T (Reprint); Bloks V W; Terasawa Y; Berdy S; Siegler K; van der
Sluijs F; Kema I P; Groen A K; Shan B; Kuipers F; Schwarz M
CS Univ Groningen Hosp, Groningen, Netherlands; Tularik Inc, San Francisco, CA USA; Univ Amsterdam, Acad Med Ctr, NL-1105 AZ Amsterdam, Netherlands
CYA Netherlands; USA
SO ARTERIOSCLEROSIS THROMBOSIS AND VASCULAR BIOLOGY, (MAY 2003) Vol. 23, No. 5, pp. A1-A1. MA 1.
Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA 19106-3621 USA.
ISSN: 1079-5642.

DT Conference; Journal
LA English
REC Reference Count: 0

L4 ANSWER 252 OF 270 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
AN 2003:406431 SCISEARCH
GA The Genuine Article (R) Number: 598XK
TI FXR, the nuclear bile salt receptor, and ***Abcg5*** /8, the putative
canalicular ***cholesterol*** transporter, as primary genetic
determinants of ***cholesterol*** gallstone susceptibility. evidence

AU Wittenburg H (Reprint); Lyons M A; Paigen B; Carey M C
 CS Harvard Univ, Sch Med, Brigham & Womens Hosp, Boston, MA 02115 USA;
 Harvard Digest Dis Ctr, Jackson Lab, Boston, MA USA; Jackson Lab, Bar
 Harbor, ME 04609 USA
 CYA USA
 SO HEPATOLOGY, (OCT 2002) Vol. 36, No. 4, Part 2, Supp. [S], pp. 342A-342A.
 MA 716.
 Publisher: W B SAUNDERS CO, INDEPENDENCE SQUARE WEST CURTIS CENTER, STE
 300, PHILADELPHIA, PA 19106-3399 USA.
 ISSN: 0270-9139.
 DT Conference; Journal
 LA English
 REC Reference Count: 0

L4 ANSWER 253 OF 270 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 AN 2003:90921 SCISEARCH
 GA The Genuine Article (R) Number: 634CU
 TI Functional analysis of candidate ABC transporter proteins for sitosterol
 transport
 AU Albrecht C (Reprint); Elliott J I; Sardini A; Litman T; Stieger B; Meier P
 J; Higgins C F
 CS Univ London Imperial Coll Sci & Technol, Hammersmith Hosp, MRC, Ctr Clin
 Sci, Campus, Du Cane Rd, London W12 ONN, England (Reprint); Univ London
 Imperial Coll Sci & Technol, Hammersmith Hosp, MRC, Ctr Clin Sci, London
 W12 ONN, England; Univ Copenhagen, Dept Med Physiol, DK-1168 Copenhagen,
 Denmark; Univ Hosp, Dept Med, Dept Clin Pharmacol & Toxicol, Zurich,
 Switzerland
 CYA England; Denmark; Switzerland
 SO BIOCHIMICA ET BIOPHYSICA ACTA-BIOMEMBRANES, (23 DEC 2002) Vol. 1567, No.
 1-2, pp. 133-142.
 Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM,
 NETHERLANDS.
 ISSN: 0005-2736.
 DT Article; Journal
 LA English
 REC Reference Count: 53
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L4 ANSWER 254 OF 270 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 AN 2002:924581 SCISEARCH
 GA The Genuine Article (R) Number: 613AY
 TI Ezetimibe
 AU Bays H (Reprint)
 CS Louisville Metab & Atherosclerosis Res Ctr, 3288 Illinois Ave, Louisville,
 KY 40213 USA (Reprint); Louisville Metab & Atherosclerosis Res Ctr,
 Louisville, KY 40213 USA
 CYA USA
 SO EXPERT OPINION ON INVESTIGATIONAL DRUGS, (NOV 2002) Vol. 11, No. 11, pp.
 1587-1604.
 Publisher: ASHLEY PUBLICATIONS LTD, UNITEC HOUSE, 3RD FL, 2 ALBERT PLACE,
 FINCHLEY CENTRAL, LONDON N3 1QB, ENGLAND.
 ISSN: 1354-3784.
 DT General Review; Journal
 LA English
 REC Reference Count: 100
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L4 ANSWER 255 OF 270 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 AN 2002:416876 SCISEARCH
 GA The Genuine Article (R) Number: 548AW
 TI Sterols influence intestinal ***cholesterol*** (Ch) absorption through
 mediating expression of the ileal ATP-binding cassette transporters G5 and
 G8 (***ABCG5*** /G8)
 AU Duan L P (Reprint); Wang D Q H
 SO GASTROENTEROLOGY, (APR 2002) Vol. 122, No. 4, Supp. [1], pp. A403-A403. MA
 T1034.
 Publisher: W B SAUNDERS CO, INDEPENDENCE SQUARE WEST CURTIS CENTER, STE
 300, PHILADELPHIA, PA 19106-3399 USA.
 ISSN: 0016-5085.
 DT Conference; Journal
 LA English
 REC Reference Count: 0

L4 ANSWER 256 OF 270 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN
 AN 2002:415127 SCISEARCH

TI Expression of intestinal ATP-binding cassette transporters G5 and G8 (
 ABCG5 /G8) plays a major role in determining variations in
 cholesterol (Ch) absorption efficiency in inbred mice
 AU Morales V M (Reprint); Wang D Q H
 SO GASTROENTEROLOGY, (APR 2002) Vol. 122, No. 4, Supp. [1], pp. A58-A58. MA
 493.
 Publisher: W B SAUNDERS CO, INDEPENDENCE SQUARE WEST CURTIS CENTER, STE
 300, PHILADELPHIA, PA 19106-3399 USA.
 ISSN: 0016-5085.
 DT Conference; Journal
 LA English
 REC Reference Count: 0

L4 ANSWER 257 OF 270 USPATFULL on STN

AN 2004:63738 USPATFULL

TI Novel proteins and nucleic acids encoding same
 IN Agee, Michele L., Wallingford, CT, UNITED STATES
 Alsobrook, John P., II, Madison, CT, UNITED STATES
 Anderson, David W., Branford, CT, UNITED STATES
 Berghs, Constance, New Haven, CT, UNITED STATES
 Boldog, Ferenc L., North Haven, CT, UNITED STATES
 Burgess, Catherine E., Wethersfield, CT, UNITED STATES
 Casman, Stacie J., North Haven, CT, UNITED STATES
 Catterton, Elina, Madison, CT, UNITED STATES
 Chant, John S., Branford, CT, UNITED STATES
 Chaudhuri, Amitabha, Madison, CT, UNITED STATES
 Bokor, Julie, Gainesville, FL, UNITED STATES
 DiPippo, Vincent A., East Haven, CT, UNITED STATES
 Edinger, Shlomit R., New Haven, CT, UNITED STATES
 Eisen, Andrew, Rockville, MD, UNITED STATES
 Ellerman, Karen, Branford, CT, UNITED STATES
 Gangolli, Esha A., Madison, CT, UNITED STATES
 Gerlach, Valerie, Branford, CT, UNITED STATES
 Giot, Loic, Madison, CT, UNITED STATES
 Gorman, Linda, Branford, CT, UNITED STATES
 Guo, Xiaojia (Sasha), Branford, CT, UNITED STATES
 Gusev, Vladimir Y., Madison, CT, UNITED STATES
 Ji, Weizhen, Branford, CT, UNITED STATES
 Kekuda, Ramesh, Norwalk, CT, UNITED STATES
 Khramtsov, Nikolai V., Branford, CT, UNITED STATES
 Leach, Martin D., Madison, CT, UNITED STATES
 Lepley, Denise M., Branford, CT, UNITED STATES
 Li, Li, Branford, CT, UNITED STATES
 Liu, Xiaohong, Lexington, MA, UNITED STATES
 Malyankar, Uriel M., Branford, CT, UNITED STATES
 Miller, Charles E., Guilford, CT, UNITED STATES
 Ooi, Chean Eng, Branford, CT, UNITED STATES
 Ort, Tatiana, Milford, CT, UNITED STATES
 Padigar, Muralidhara, Branford, CT, UNITED STATES
 Patturajan, Meera, Branford, CT, UNITED STATES
 Pena, Carol E. A., Guilford, CT, UNITED STATES
 Rieger, Daniel K., Branford, CT, UNITED STATES
 Rothenberg, Mark E., Clinton, CT, UNITED STATES
 Shenoy, Suresh G., Branford, CT, UNITED STATES
 Shimkets, Richard A., Guilford, CT, UNITED STATES
 Spaderna, Steven K., Berlin, CT, UNITED STATES
 Spytek, Kimberly A., New Haven, CT, UNITED STATES
 Taupier, Raymond J., JR., East Haven, CT, UNITED STATES
 Twomlow, Nancy, Madison, CT, UNITED STATES
 Vernet, Corine A.M., Branford, CT, UNITED STATES
 Voss, Edward Z., Wallingford, CT, UNITED STATES
 Zerhusen, Bryan D., Branford, CT, UNITED STATES
 Zhong, Mei, Branford, CT, UNITED STATES

PI	US 2004048256	A1	20040311
AI	US 2002-236417	A1	20020906 (10)
PRAI	US 2001-318120P		20010907 (60)
	US 2001-318430P		20010910 (60)
	US 2001-322781P		20010917 (60)
	US 2001-318184P		20010907 (60)
	US 2002-361663P		20020305 (60)
	US 2002-396412P		20020717 (60)
	US 2001-322636P		20010917 (60)
	US 2001-322817P		20010917 (60)
	US 2001-322816P		20010917 (60)
	US 2001-323519P		20010919 (60)

US 2002-377908P 20020503 (60)
 US 2002-381483P 20020517 (60)
 US 2001-323636P 20010920 (60)
 US 2001-324969P 20010925 (60)
 US 2002-383863P 20020529 (60)
 US 2001-325091P 20010925 (60)
 US 2001-324990P 20010926 (60)
 US 2001-341144P 20011214 (60)
 US 2002-359599P 20020226 (60)
 US 2002-393332P 20020702 (60)
 US 2002-403517P 20020813 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 23608
 INCL INCLM: 435/006.000
 INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000;
 536/023.200; 514/012.000
 NCL NCLM: 435/006.000
 NCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000;
 536/023.200; 514/012.000
 IC [7]
 ICM: C12Q001-68
 ICS: C07H021-04; C12N009-00; C07K014-47; C12P021-02; C12N005-06
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 258 OF 270 USPATFULL on STN
 AN 2004:19640 USPATFULL
 TI Transporters and ion channels
 IN Tang, Y Tom, San Jose, CA, UNITED STATES
 Yue, Henry, Sunnyvale, CA, UNITED STATES
 Nguyen, Danniell B, San Jose, CA, UNITED STATES
 Hafalia, April J A, Daly City, CA, UNITED STATES
 Elliott, Vicki S, San Jose, CA, UNITED STATES
 Lu, Yan, Mountain View, CA, UNITED STATES
 Chawla, Narinder K, Union City, CA, UNITED STATES
 Yao, Monique G, Carmel, IN, UNITED STATES
 Baughn, Mariah R, San Leandro, CA, UNITED STATES
 Gandhi, Ameena R, San Francisco, CA, UNITED STATES
 Ding, Li, Creve Coeur, MI, UNITED STATES
 Sanjanwala, Madhusudan M, Los Altos, CA, UNITED STATES
 Ramkumar, Jayalaxmi, Fremont, CA, UNITED STATES
 Arvizu, Chandra S, San Jose, CA, UNITED STATES
 Gietzen, Kimberly J, San Jose, CA, UNITED STATES
 Lal, Preeti G, Santa Clara, CA, UNITED STATES
 Azimzai, Yalda, Oakland, CA, UNITED STATES
 Khan, Farrah A, Glen View, IL, UNITED STATES
 Thangavelu, Kavitha, Mountain View, CA, UNITED STATES
 Thornton, Michael B, Oakland, CA, UNITED STATES
 Lu, Dyung Aina M, San Jose, CA, UNITED STATES
 Tribouley, Catherine M, San Francisco, CA, UNITED STATES
 Warren, Bridget A, Encinitas, CA, UNITED STATES
 Ison, Craig H, San Jose, CA, UNITED STATES
 Das, Debopriya, Mountain View, CA, UNITED STATES
 Raumann, Brigitte E, Chicago, IL, UNITED STATES
 Policky, Jennifer L, San Jose, CA, UNITED STATES
 Kearney, Liam, San Francisco, CA, UNITED STATES
 PI US 2004014945 A1 20040122
 AI US 2003-415378 A1 20030425 (10)
 WO 2001-US46055 20011025

DT Utility
 FS APPLICATION
 LN.CNT 8937
 INCL INCLM: 530/350.000
 NCL NCLM: 530/350.000
 IC [7]
 ICM: C07K014-705
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 259 OF 270 USPATFULL on STN
 AN 2004:13385 USPATFULL
 TI Proteins and nucleic acids encoding same
 IN Alsobrook, John P., II, Madison, CT, UNITED STATES
 Anderson, David W., Branford, CT, UNITED STATES
 Ballinger, Robert A., Newington, CT, UNITED STATES
 Boldog, Ference L., North Haven, CT, UNITED STATES

Casman, Stacie J., North Haven, CT, UNITED STATES
 Ellerman, Karen, Branford, CT, UNITED STATES
 Gangolli, Esha A., Madison, CT, UNITED STATES
 Gerlach, Valerie, Branford, CT, UNITED STATES
 Gilbert, Jennifer A., Madison, CT, UNITED STATES
 Gorman, Linda, Branford, CT, UNITED STATES
 Guo, Xiaojia (Sasha), Branford, CT, UNITED STATES
 Gusev, Vladimir Y., Madison, CT, UNITED STATES
 Kekuda, Ramesh, Norwalk, CT, UNITED STATES
 Li, Li, Branford, CT, UNITED STATES
 Liu, Xiaohong, Branford, CT, UNITED STATES
 Malyankar, Uriel M., Branford, CT, UNITED STATES
 Miller, Charles E., Guilford, CT, UNITED STATES
 Millet, Isabelle, Milford, CT, UNITED STATES
 Padigar, Muralidhara, Branford, CT, UNITED STATES
 Patturajan, Meera, Branford, CT, UNITED STATES
 A. Pena, Carol E., New Haven, CT, UNITED STATES
 Peyman, John A., New Haven, CT, UNITED STATES
 Rastelli, Luca, Guilford, CT, UNITED STATES
 Shenoy, Suresh G., Branford, CT, UNITED STATES
 Shimkets, Richard A., Guilford, CT, UNITED STATES
 Smithson, Glennda, Guilford, CT, UNITED STATES
 Spytek, Kimberly A., New Haven, CT, UNITED STATES
 Stone, David J., Guilford, CT, UNITED STATES
 Taupier, Raymond J., JR., East Haven, CT, UNITED STATES
 Tchernev, Velizar T., Branford, CT, UNITED STATES
 Vernet, Corine A.M., Branford, CT, UNITED STATES
 Zerhusen, Bryan D., Branford, CT, UNITED STATES

PI	US 2004009907	A1	20040115
AI	US 2002-85198	A1	20020225 (10)
PRAI	US 2001-271646P		20010226 (60)
	US 2001-276401P		20010316 (60)
	US 2001-311981P		20010813 (60)
	US 2001-312858P		20010816 (60)
	US 2001-271840P		20010227 (60)
	US 2001-277324P		20010320 (60)
	US 2001-286096P		20010424 (60)
	US 2001-299695P		20010620 (60)
	US 2001-315614P		20010829 (60)
	US 2001-272405P		20010228 (60)
	US 2001-272410P		20010228 (60)
	US 2001-272414P		20010228 (60)
	US 2001-278660P		20010320 (60)
	US 2001-280234P		20010330 (60)
	US 2001-272404P		20010228 (60)
	US 2001-280039P		20010330 (60)
	US 2001-313280P		20010817 (60)
	US 2001-322818P		20010917 (60)
	US 2001-273300P		20010302 (60)
	US 2001-280818P		20010402 (60)
	US 2001-288353P		20010503 (60)
	US 2001-294834P		20010531 (60)
	US 2001-299845P		20010621 (60)
	US 2001-272922P		20010302 (60)
	US 2001-272787P		20010302 (60)
	US 2001-285754P		20010423 (60)
	US 2001-303242P		20010705 (60)
	US 2001-273048P		20010302 (60)
	US 2001-283443P		20010412 (60)
	US 2001-291703P		20010517 (60)

DT Utility
 FS APPLICATION
 LN.CNT 46330
 INCL INCLM: 514/012.000
 INCLS: 530/350.000; 536/023.100; 514/044.000
 NCL NCLM: 514/012.000
 NCLS: 530/350.000; 536/023.100; 514/044.000
 IC [7]
 ICM: A61K038-16
 ICS: A61K031-711; C07K014-435; C07H021-04
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 260 OF 270 USPATFULL on STN
 AN 2003:325080 USPATFULL
 TI Treatments for age-related macular degeneration (AMD)

Duncan, Keith G., San Francisco, CA, UNITED STATES
Bailey, Kathy R., San Francisco, CA, UNITED STATES
Kane, John P., Hillsborough, CA, UNITED STATES
Ishida, Brian Y., Walnut Creek, CA, UNITED STATES
PA THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, Oakland, CA, UNITED STATES,
94607-5200 (U.S. corporation)
PI US 2003229062 A1 20031211
AI US 2003-428551 A1 20030502 (10)
RLI Continuation-in-part of Ser. No. US 2002-313641, filed on 6 Dec 2002,
PENDING
PRAI US 2001-340498P 20011207 (60)
US 2002-415864P 20021003 (60)
DT Utility
FS APPLICATION
LN.CNT 2926
INCL INCLM: 514/177.000
INCLS: 514/559.000; 514/567.000; 514/172.000
NCL NCLM: 514/177.000
NCLS: 514/559.000; 514/567.000; 514/172.000
IC [7]
ICM: A61K031-58
ICS: A61K031-56; A61K031-203; A61K031-198
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 261 OF 270 USPATFULL on STN
AN 2003:324632 USPATFULL
TI Screening method and modulators having an improved therapeutic profile
IN Wagner, Brandee Lynn, San Diego, CA, UNITED STATES
Schulman, Ira Glenn, San Diego, CA, UNITED STATES
PI US 2003228607 A1 20031211
AI US 2003-414692 A1 20030414 (10)
PRAI US 2002-372650P 20020415 (60)
DT Utility
FS APPLICATION
LN.CNT 5673
INCL INCLM: 435/006.000
INCLS: 435/007.200; 530/358.000
NCL NCLM: 435/006.000
NCLS: 435/007.200; 530/358.000
IC [7]
ICM: C12Q001-68
ICS: G01N033-53; G01N033-567; C07K014-705
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 262 OF 270 USPATFULL on STN
AN 2003:312180 USPATFULL
TI Identification of candidate genes for the atherosclerosis susceptibility
locus (ATHS)
IN Shang, Jin, Fremont, CA, UNITED STATES
Bowen, Ben, Berkeley, CA, UNITED STATES
PA Lynx Therapeutics, Inc., Hayward, CA, UNITED STATES, 94545 (U.S.
corporation)
PI US 2003219777 A1 20031127
AI US 2002-322774 A1 20021217 (10)
PRAI US 2001-341973P 20011218 (60)
DT Utility
FS APPLICATION
LN.CNT 3162
INCL INCLM: 435/006.000
INCLS: 435/069.100; 435/196.000; 435/320.100; 435/325.000; 800/014.000;
514/012.000; 536/023.200
NCL NCLM: 435/006.000
NCLS: 435/069.100; 435/196.000; 435/320.100; 435/325.000; 800/014.000;
514/012.000; 536/023.200
IC [7]
ICM: C12Q001-68
ICS: A01K067-027; C12N009-16; C07H021-04; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 263 OF 270 USPATFULL on STN
AN 2003:258367 USPATFULL
TI Modulators of LXR
IN Bayne, Christopher D., San Diego, CA, UNITED STATES
Johnson, Alan T., Poway, CA, UNITED STATES
Lu, Shao-Po, San Diego, CA, UNITED STATES

Griffith, Ronald C., Escondido, CA, UNITED STATES
 PI US 2003181420 A1 20030925
 AI US 2002-327813 A1 20021220 (10)
 PRAI US 2001-342707P 20011221 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 11092
 INCL INCLM: 514/063.000
 INCLS: 514/318.000; 514/335.000; 514/302.000; 546/014.000; 546/116.000;
 546/193.000; 546/261.000
 NCL NCLM: 514/063.000
 NCLS: 514/318.000; 514/335.000; 514/302.000; 546/014.000; 546/116.000;
 546/193.000; 546/261.000
 IC [7]
 ICM: A61K031-695
 ICS: C07D491-02; C07F007-02; A61K031-4741; A61K031-4545; A61K031-444
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 264 OF 270 USPATFULL on STN
 AN 2003:257713 USPATFULL
 TI Genes affected by ***cholesterol*** treatment and during
 adipogenesis
 IN Shang, Jin, Fremont, CA, UNITED STATES
 Bowen, Benjamin, Berkeley, CA, UNITED STATES
 PA Lynx Therapeutics, Inc. (U.S. corporation)
 PI US 2003180764 A1 20030925
 AI US 2003-339793 A1 20030108 (10)
 PRAI US 2002-347286P 20020109 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 3647
 INCL INCLM: 435/006.000
 INCLS: 435/007.100; 702/019.000; 702/020.000; 536/023.200
 NCL NCLM: 435/006.000
 NCLS: 435/007.100; 702/019.000; 702/020.000; 536/023.200
 IC [7]
 ICM: C12Q001-68
 ICS: G01N033-53; G06F019-00; G01N033-48; G01N033-50; C07H021-04
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 265 OF 270 USPATFULL on STN
 AN 2003:244291 USPATFULL
 TI Secreted and cell surface polypeptides affected by ***cholesterol***
 and uses thereof
 IN Shang, Jin, Fremont, CA, UNITED STATES
 Bowen, Benjamin A., Berkeley, CA, UNITED STATES
 PA Lynx Therapeutics, Inc. (U.S. corporation)
 PI US 2003170700 A1 20030911
 AI US 2003-340192 A1 20030108 (10)
 PRAI US 2002-347396P 20020109 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 3394
 INCL INCLM: 435/006.000
 INCLS: 435/069.100; 435/189.000; 435/320.100; 435/325.000; 514/044.000;
 536/023.200; 702/020.000; 800/008.000
 NCL NCLM: 435/006.000
 NCLS: 435/069.100; 435/189.000; 435/320.100; 435/325.000; 514/044.000;
 536/023.200; 702/020.000; 800/008.000
 IC [7]
 ICM: C12Q001-68
 ICS: A01K067-00; G06F019-00; G01N033-48; G01N033-50; C07H021-04;
 A61K048-00; C12N009-02
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 266 OF 270 USPATFULL on STN
 AN 2003:232557 USPATFULL
 TI Treatment for age-related macular degeneration (AMD)
 IN Schwartz, Daniel M., San Francisco, CA, UNITED STATES
 Duncan, Keith, San Francisco, CA, UNITED STATES
 Bailey, Kathy, San Francisco, CA, UNITED STATES
 Kane, John, San Francisco, CA, UNITED STATES
 Ishida, Brian, Walnut Creek, CA, UNITED STATES
 PI US 2003162758 A1 20030828
 AI US 2002-313641 A1 20021206 (10)

US 2002-415864P 20021003 (60)
DT Utility
FS APPLICATION
LN.CNT 2760
INCL INCLM: 514/172.000
INCLS: 514/178.000; 514/567.000; 514/559.000; 514/438.000; 514/570.000
NCL NCLM: 514/172.000
NCLS: 514/178.000; 514/567.000; 514/559.000; 514/438.000; 514/570.000
IC [7]
ICM: A61K031-58
ICS: A61K031-56; A61K031-381; A61K031-203; A61K031-192
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 267 OF 270 USPATFULL on STN
AN 2003:220250 USPATFULL
TI Novel anticholesterol compositions and method for using same
IN Dudley, Robert, Kenilworth, IL, UNITED STATES
Liao, Shutsung, UNITED STATES
Song, Ching, Chicago, IL, UNITED STATES
PI US 2003153541 A1 20030814
AI US 2002-174934 A1 20020619 (10)
RLI Continuation-in-part of Ser. No. US 2000-530443, filed on 28 Apr 2000,
PENDING A 371 of International Ser. No. WO 1998-US23041, filed on 30 Oct
1998, PENDING Continuation-in-part of Ser. No. US 2000-560236, filed on
28 Apr 2000, PENDING Continuation-in-part of Ser. No. US 2002-72128,
filed on 8 Feb 2002, PENDING Continuation-in-part of Ser. No. US
2002-137695, filed on 2 May 2002, PENDING
PRAI US 1997-63770P 19971031 (60)
US 1999-131728P 19990430 (60)
US 2001-267493P 20010208 (60)
US 2001-288643P 20010503 (60)
US 2001-348020P 20011108 (60)
DT Utility
FS APPLICATION
LN.CNT 1037
INCL INCLM: 514/171.000
INCLS: 514/423.000; 514/460.000; 514/570.000; 514/548.000; 514/560.000;
514/356.000
NCL NCLM: 514/171.000
NCLS: 514/423.000; 514/460.000; 514/570.000; 514/548.000; 514/560.000;
514/356.000
IC [7]
ICM: A61K031-57
ICS: A61K031-46; A61K031-401; A61K031-366; A61K031-202; A61K031-192
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 268 OF 270 USPATFULL on STN
AN 2003:37614 USPATFULL
TI Novel ABCG4 transporter and uses thereof
IN Chen, Hongyun, Vancouver, CANADA
Le Bihan, Stephane, Vancouver, CANADA
PA Active Pass Pharmaceuticals, Inc., Vancouver, CANADA (non-U.S.
corporation)
PI US 2003027259 A1 20030206
AI US 2002-90455 A1 20020301 (10)
PRAI US 2001-272886P 20010302 (60)
US 2001-309262P 20010731 (60)
US 2001-316339P 20010829 (60)
DT Utility
FS APPLICATION
LN.CNT 4484
INCL INCLM: 435/069.100
INCLS: 435/320.100; 435/325.000; 435/006.000; 530/350.000; 536/023.500
NCL NCLM: 435/069.100
NCLS: 435/320.100; 435/325.000; 435/006.000; 530/350.000; 536/023.500
IC [7]
ICM: C12Q001-68
ICS: C07H021-04; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 269 OF 270 USPATFULL on STN
AN 2002:337461 USPATFULL
TI Increased functional activity and/or expression of ABC transporters
protects against the loss of dopamine neurons associated with
Parkinson's disease

Roy, Josee, Vancouver, CANADA
 Connop, Bruce P., Vancouver, CANADA
 PA Active Pass Pharmaceuticals, Inc., Vancouver, CANADA (non-U.S.
 corporation)
 PI US 2002192821 A1 20021219
 AI US 2002-154452 A1 20020522 (10)
 PRAI US 2001-327396P 20011004 (60)
 US 2001-292844P 20010522 (60)
 DT Utility
 FS APPLICATION
 LN.CNT 3355
 INCL INCLM: 435/455.000
 INCLS: 514/044.000
 NCL NCLM: 435/455.000
 NCLS: 514/044.000
 IC [7]
 ICM: A61K048-00
 ICS: C12N015-85
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L4 ANSWER 270 OF 270 WPIDS COPYRIGHT 2004 THOMSON DERWENT on STN
 AN 2004-307059 [29] WPIDS
 CR 2004-259060 [25]
 DNC C2004-116574
 TI New 2-amino-4-quinazolinone derivatives are liver X receptor (nuclear
 receptor) agonist useful to treat e.g. atherosclerosis, Alzheimer's
 disease and obesity.
 DC B02
 IN BAUER, U; BLUME, B; DEUSCHLE, U; GIEGRICH, K; KOBER, I; KOEGL, M;
 KREMOSER, C; LOEBBERT, R
 PA (LION-N) LION BIOSCIENCE AG
 CYC 30
 PI EP 1407774 A1 20040414 (200429)* EN 56 A61K031-517
 R: AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LT LU LV MC
 MK NL PT RO SE SI SK TR
 ADT EP 1407774 A1 EP 2002-20255 20020910
 PRAI EP 2002-20255 20020910
 IC ICM A61K031-517
 ICS A61P003-06; C07D239-95; C07D401-12; C07D403-04
 STN INTERNATIONAL LOGOFF AT 11:30:47 ON 10 MAY 2004